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Tabulation of Data on Receiving Tubes

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The National Bureau of Standards
Electron Devices Data Service

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Information on the Bureau's publications can be found in NBS Circular 460, Publications of the National Bureau of Standards (\$1.25) and its Supplement (\$1.50), available from the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

Foreword

This tabulation of data on receiving tubes currently in use has been prepared as part of the National Bureau of Standards Electron Devices Data Service. Established in 1948 to provide technical data on radio tubes to members of the Bureau staff, the service has since been extended to all scientists in government and industry who have legitimate requests. In the course of the program, a large volume of information on domestic and foreign tubes was accumulated on punched cards from which it could be automatically printed. It was felt desirable to make these data available in a single reference source as an aid to circuit designers in selecting tube types for particular uses.

The engineer should find this manual useful in narrowing down the choice of tubes to one or a few types. However, it is not practical to give all possible operating conditions or to provide the characteristic curves for each tube in a tabulation such as this. It will still be necessary to consult the tube manufacturer's literature for such detailed information.

All information appearing in this publication was taken from manufacturers' published specifications and every effort has been made to ensure accuracy and completeness. However, the Bureau cannot assume responsibility for omissions nor for results obtained with these data.

The coding system and format used in this manual were developed and improved through consultations with representatives of the Bureau of Ships, Department of the Navy; Diamond Ordnance Fuze Laboratory, Department of the Army; and private industry. Their cooperation is gratefully acknowledged.

Additional tabulations for other electron devices are being developed and will be issued as rapidly as they are completed. Also, revisions of this tabulation will be issued as deemed necessary to keep it up to date.

A. V. ASTIN, *Director.*

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Tabulation of Data on Receiving Tubes

A tabulation of Receiving-Type Electron Tubes with some characteristics of each type has been prepared in the form of two major listings, a Numerical Listing in which the tubes are arranged by type number, and a Characteristic Listing in which the tubes are arranged by tube type and further ordered on the basis of one or two important parameters. The tabulation is accompanied by a listing of similar tube types and basing diagrams for the listed tubes.

1. Introduction

The Electron Devices Section of the National Bureau of Standards has developed over the past decade an Electron Devices Data Service. This service attempts to obtain and maintain a file of data on all electron devices, i.e., tubes, transistors, diodes, etc., manufactured in the United States and other countries. In an effort to make this service more available to engineers applying electronics in laboratories throughout the country, it was decided to develop a method of tabulating the essential information of these devices in handbook form for ready reference. For this publication on Receiving Tubes, an easily decipherable code and format for the tube characteristics was developed which would be suitable for a punched card system allowing automatic transfer to the printed page. The sources of information were the manufacturers' published handbooks and data sheets. The accuracy of the printed information is reasonably assured by verifying tabulations, by various sortings, and cross checking with manufacturers' publications.

This tabulation includes only the information normally furnished by the manufacturers in their handbooks or data sheets, and includes those tubes of the general class known in the trade as "Receiving Tubes." These include tubes to be found in home entertainment devices, military equipment, general purpose electronic laboratory equipment, etc. The tabulation is limited to tubes with *not more than 25 watts* plate dissipation, and with maximum operating frequency *less than 1,000 megacycles per second*. One further restriction is that the tubes are currently active types made by United States manufacturers, i.e., those tubes appearing in the manufacturers' "New Equipment Price Lists" or those on which a new or revised data sheet has been issued since 1952. Types listed by manufacturers as "For Replacement Only" or as "Discontinued" types are *not* listed.

The user of this tabulation should be reminded that industry has used various letter suffixes to designate improved versions of a tube type. For example the letter "W" indicates that the type has been improved for military end-use and "WA" and/or "WB" indicate further improvements. Thus the "6AL5W" is an improved version of the

"6AL5" and this is continued to the ultimate improved type designation "5726/6AL5W/6097".

To avoid these complex designations, this tabulation lists only the type numbers by which a type is most commonly designated. The user should be cautioned that these versions of a tube may not be bilaterally interchangeable as the improved versions may differ in some physical dimensions or in one or more electrical characteristics.

2. Organization of the Tabulation

The receiving tube tabulation comprises four principal sections as follows:

1. *Numerical Listing.* In this, the tubes are arranged by type number in the numerical-alphabetical sequence which is standard in the industry.

2. *Characteristics Listing.* Here the tubes are grouped according to the number of electrodes, and within the group they are arranged by increasing value of one or two pertinent characteristics.

3. *Similar Tube Types.* Following each tube listed is one or more types similar to it. Here are found those tubes from sections 1 and 2 which are coded as having similar types available, together with some older tubes not included in sections 1 and 2 but which are similar to a current listed tube.

4. *Electronic Industries Association (EIA) Basing Diagrams.* This section contains all basing diagrams for tubes in the tabulation having an assigned EIA base number.

3. Sorting and Terminology of the Tabulation

To assist the user in understanding and applying the tabulation, the method of sorting and the definition of terms and abbreviations are explained in this section.

3.1. Sorting Methods

The Numerical Listing is arranged in numerical-alphabetical sequence by tube type number. In the Characteristic Listing the tubes are arranged in 52 groups by tube structure. Within these groups the tubes are arranged according to in-

creasing value of 1 or 2 important parameters and finally by tube type.

Given below are the groups into which the tubes are arranged and the characteristics by which the tubes are sorted within a group, e.g., all of the single triodes are grouped together, and are arranged in order of increasing value of " μ ". Where two or more tubes have the same μ , these are then arranged by increasing value of "gm". Tubes with identical values of both μ and gm are then sorted by type number.

Group heading	Characteristics sorted on		
	Primary	Secondary	Tertiary
1. Ballast Tube.....	I_b	Type No.	
2. Regulator, Single Diode, Cold Cathode.....	E_b^*	I_b^*	Type No.
3. Regulator, Single Diode, Filamentary Type.....			
4. Reference, Single Diode, Cold Cathode.....	E_{pr}^*	I_b	Type No.
5. Rectifier, Single Diode, Cold Cathode.....			
6. Rectifier, Single Diode, Filamentary Type.....			
7. Rectifier, Single Diode, Heater Type.....			
8. Damper, Single Diode.....	E_b	I_b	Type No.
9. Noise Generator.....			
10. Diode, Twin, Cold Cathode.....	E_{pr}	I_b	Type No.
11. Diode, Twin, Filamentary Type.....			
12. Diode, Twin, Heater Type.....	No. of Sections.....	E_{pr}	I_b
13. Diode, Multiple.....			
14. Diode with Triode.....	E_{pr}	I_b	Type No.
15. Diode with Dissimilar Dual Triode.....			
16. Diode, Twin, with Triode.....			
17. Diode, Twin, with Tetrode.....			
18. Diode, Triple, with Triode.....	μ	gm.....	Type No.
19. Diode with Pentode.....			
20. Diode, Twin, with Pentode.....			
21. Triode, Single.....			
22. Triode, Twin.....	gm.....	Type No.	
23. Triode, Dual Dissimilar.....			
24. Triode, Dual Dissimilar, with Diode.....			
25. Triode with Diode.....			
26. Triode with Twin Diode.....	μ	gm.....	Type No.
27. Triode with Triple Diode.....			
28. Triode with Tetrode.....			
29. Triode with Pentode.....			
30. Triode with Hexode.....	gm.....	Type No.	
31. Triode with Pentagrid.....			
32. Tetrode, Single.....			
33. Tetrode, Twin.....	gm.....	Type No.	
34. Tetrode with Diode.....			
35. Tetrode with Twin Diode.....			
36. Tetrode with Triode.....			
37. Beam, Single.....	gm.....	r_p	Type No.
38. Beam, Twin.....			
39. Beam, Miscellaneous.....			
40. Pentode, Single.....			
41. Pentode, Twin.....	gm.....	Type No.	
42. Pentode with Diode.....			
43. Pentode with Twin Diode.....			
44. Pentode with Triode.....			
45. Pentagrid, Single.....	gm.....	Type No.	
46. Pentagrid with Triode.....			
47. Hexode, Single.....			
48. Hexode with Triode.....			
49. Octode, Single.....	E_{pr}	I_b	Type No.
50. Thyatron, Triode Type.....			
51. Thyatron, Tetrode Type.....	E_b	I_b	Type No.
52. Indicator, Electron Ray.....			

* E_b and I_b used for sorting are the typical values, not maximum. E_{pr} is the peak inverse voltage.

3.2. Terminology

The Numerical and Characteristic Listings are in tabular form containing 22 columns. The headings of these columns and their meanings are given below.

A blank in any column indicates that the characteristic designated by the column is not applicable to the tube in question or that no value was given in the available data.

Definitions

Type Number. This column lists the numerical-alphabetical designation assigned to the tube type by the manufacturer.

Code. A letter "S" indicates that this tube is similar to some other type. Such a tube will be found in the Similar Tubes List on pages 89 through 92 with its similar types. It is to be noted that these tubes are "similar", not necessarily equivalent or directly interchangeable.

An asterisk (*) in this column indicates that the tube is on the Military Preferred List issued by the Department of Defense as "Military Standard Electron Tubes; and Semiconductor Devices, Diode" MIL-STD-200D, 29 May 1958.

A number sign (#) is used to designate a tube not on the Military Preferred List but which the manufacturer refers to as a ruggedized, reliable, or premium type.

Kind. An easily decipherable three letter symbol is used here showing the tube to be a diode, triode, beam pentode, etc.

BAL	Ballast
BEA	Beam
DIO	Diode
DWD	Double Diode
GTB	Gated Beam
HEX	Hexode
OCT	Octode
PND	Pentode
PTG	Pentagrid
SHB	Sheet Beam
TET	Tetrode
TRD	Triple Diode
TRI	Triode

Type. A three letter symbol is used to amplify the characterization under "Kind". Thus a tube is designated as single, twin, or combined with some other type in a multiple structure, in one envelope.

Note: A tube containing two or more different structures in one envelope will be listed once for each such structure in the numerical listing and once in each appropriate group in the characteristic listing, e.g., the 6X8 is listed as a triode with a pentode section and also as a pentode with a triode section. The data given on any one line refers to the section of the tube as designated in the column headed "Kind."

DIO	With Diode
DIS	Dissimilar (as applied to Dual Triodes)
DSD	Dissimilar with Diode
DTR	With Dissimilar Dual Triode.
DWD	With Double Diode
PND	With Pentode
SIN	Single Type
TET	With Tetrode
TRD	With Triple Diode
TRI	With Triode
TWN	Twin Type

Bulb. Designates the type, size, and shape of the bulb by an alphabetical-numerical code defined as follows:

A. Initial Letter

MT—Metal Tubular or Cylindrical Shape,
S—Indicates the "ST" design i.e., the domed-conical-body glass bulb,
T—Glass tubular or cylindrical shape.

B. Number—This number multiplied by one-eighth ($\frac{1}{8}$) inch gives the bulb diameter. Only the whole number is used, thus a T6 $\frac{1}{2}$ bulb is designated T6.

C. Final letter applies to subminiature construction.

F—Indicates a rectangular as opposed to a round bulb. In this case the preceding number is the major dimension i.e., a T2 $\times$ 3 bulb is designated T3F.

Descriptive terms are used for the following:

ACO	Acorn Design
CM	Ceramic-Metal Design
LIT	Lighthouse Design
PEN	Pencil Design
ROK	Rocket Design

Use. Gives the application for which the tube was developed or is most useful as stated in the manufacturer's data sheet. If a tube is particularly suited to some band of frequencies such as audio, intermediate, very high, etc., it is so designated in this column by AFA, IFA, VHF, etc. Such designation is the only reference to the frequency of operation of tubes in this Tabulation.

AFA	Audiofrequency Amplifier
AFD	Audiofrequency Driver
CA	Cascode Amplifier
CON	Converter
DA	Damper
DCA	Direct Coupled Amplifier
DET	Detector
DIS	Discriminator
EL	Electrometer
GA	Gating Amplifier
GEN	General Purpose
GGA	Grounded Grid Amplifier
HDA	Horizontal Deflection Amplifier
IFA	Intermediate-frequency Amplifier
IND	Indicator (Electron Ray)

MIX	Mixer
NOI	Noise Generator
ONA	On and Off Applications (Computer Service)
OSC	Oscillator
PA	Power Amplifier
REC	Rectifier
REF	Voltage Reference
REG	Voltage Regulator
RFA	Radiofrequency Amplifier
THY	Thyratron
TRG	Trigger
UHF	Ultra-high Frequency Amplifier
VA	Voltage Amplifier
VDA	Vertical Deflection Amplifier
VDO	Vertical Deflection Oscillator
VHF	Very-High Frequency Amplifier

Char. Refers to a specific characteristic of the given tube.

GAS	Gas-filled (as applied to rectifiers, regulators, etc.)
HIP	High Pervance
RCO	Remote Cut-off i.e., more than 17 volts
SCO	Sharp Cut-off i.e., 7 volts or less
SRC	Semi-remote Cut-off i.e., 8 through 17 volts.

Reg. Indicates the manufacturer who registered the tube with the EIA. In some cases a manufacturer may no longer make a tube which he registered but it was impractical to try to list all companies making a given tube type so the present system was adopted as being fair to all manufacturers.

AM	Amperex Electronic Corp.
BE	Bendix Aviation Corp.
BT	Bell Telephone Laboratories
CH	Chatham Electronics
GE	General Electric Co.
HY	CBS Hytron, A. Division of Columbia Broadcasting System Inc.
NU	National Union Electric Corp.
PL	Lansdale Tube Co.—A Division of Philco Corp.
RA	Raytheon Manufacturing Co.
RC	Radio Corporation of America
SO	Sonotone Corp.
SY	Sylvania Electric Products Inc.
TS	Tungsol Electric Inc.
VI	Victoreen Instrument Co.
WE	Western Electric Co., Inc.
WH	Westinghouse Electric Corp.

Cath. K Designates the type of cathode.

C	Cold Cathode
F	Filamentary Cathode
H	Heater type (i.e., unipotential cathode)

Er. Specifies the nominal heater or filament voltage in volts. In the case of tubes whose heater or filament is center tapped to allow series or parallel operation of the sections, the value given is for the series connection.

I_f. Typical heater or filament current in milliamperes.

Max. E_b. Maximum plate voltage permissible in the tube. In the case of diodes and thyatrons the value is the peak inverse voltage which can be applied to the tube.

Max. I_b. Maximum plate current in milliamperes which the tube may pass.

P_p. Maximum plate dissipation of the tube is listed in watts. In the case of twin tubes the dissipation is for one section only, e.g., the 6SN7GTB is listed at a dissipation of 5 watts. The manufacturer gives this as the value for each plate, but with both units operating the total for both plates must not exceed 7.5 watts. For this reason multiple tubes should be checked in the manufacturer's data before operating the tube with maximum dissipation in each section.

E_b. Typical value for the d-c plate or operating voltage in volts.

I_b. Typical d-c anode current in milliamperes for the operating voltage in the preceding column.

$\frac{gm}{100}$. Typical value of grid-plate transconductance of the tube in micromhos divided by 100. An asterisk (*) preceding the numeral 1 indicates the transconductance lies between 0 and 100 μ mhos.

μ . Typical tube amplification factor.

r_p. Typical value for plate resistance in ohms.

Capacity In. Typical value for input capacitance of the tube i.e., between grid #1 and all other electrodes.

Capacity Out. Typical value for the output capacitance of the tube, i.e., between the anode and all other electrodes.

Note: Both capacity measurements are given in micromicrofarads and are for the tube without an external, grounded shield.

EIA Base No. This column designates the number assigned by the EIA to the basing diagram of the tube. These diagrams will be found in the last section of the Tabulation beginning on page 93. The designation "FL" is used to indicate flexible or flying leads on the miniature or sub-miniature tubes. The column is left blank where no diagram is applicable as in lighthouse and ceramic-metal tubes.

3.3. Unit Symbols

While the normally used electrical unit is printed at the top of each column, it will be noted that letter symbols are used following some numbers to indicate a change of unit.

Symbol	Column heading	Unit
K	Max E _b or E _{ps}	Kilovolts
U	Max I _b and I _s	Microamperes
A	Max I _b and I _s	Amperes
K	r _p	Kilohms
M	r _p	Megohms
*1	g _m	Value between 0 and 100
	100	

4. Numerical Listing of Data on Receiving Tubes

DATA ON RECEIVING TUBES—NUMERICAL LISTING

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E_f	I_f	MAX E_b E_{px}	MAX I_b	P_D	E_b	I_b	μ	r_p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
0A2WA	S*	DIO	SIN	T5	REG	GAS	RC	C	V	ma	V	ma	W	V	ma	ohms	$\mu\mu f$	$\mu\mu f$		560
0A3	S	DIO	SIN	S12	REG	GAS	RC	C		185	185	30		151	18					44J
0A4G	S	TRI	SIN	S12	TRG	GAS	RC	C		105	105	40		75	22					4V
0B2WA	S*	DIO	SIN	T5	REG	GAS	HY	C		225	225	100		225	25					580
0B3	S	DIO	SIN	S12	REG	GAS	SY	C		133	133	30		108	18					4AJ
0C2		DIO	SIN	T5	REG	GAS	RC	C		130	130	30		90	18					
0C3	S	DIO	SIN	S12	REG	GAS	RC	C		115	115	30		75	18					580
0D3	S	DIO	SIN	S12	REG	GAS	RC	C		133	133	40		108	22					4AJ
0Z4G	S	DIO	TWN	T7	REC	GAS	SY	C		185	185	40		153	22					4AJ
1A3		DIO	SIN	T5	REC	GAS	RA	C	1.4	150	1K	200		300	75					4R
1A7GT		PTG	SIN	T9	CON	VAC	RC	H		50	330	5		117	500U					5AP
1A85		PND	SIN	T9	VA	RCO	SY	F	1.4	130	110	4		90	600U					72
1AD4		PND	SIN	T3F	VA	SCO	RA	F	1.2	100	100	7		150	7	600K	2.8	4.2		58F
1AD5	S	PND	SIN	T3	VA	SCO	SY	F	1.2	40	68	4		68	2	125K	4.0	4.0		FL
1AE4		PND	SIN	T5	RFA	SCO	RA	F	1.2	100	90	11		90	4	500K	1.8	2.8		8CP
1AF		PND	SIN	T5	VA	SCO	SY	F	1.2	25	110	3		68	1	300K	3.6	4.4		6AR
1AG4		PND	SIN	T3F	PA	SCO	RA	F	1.4	40	90	4		41	2	2M	3.8	7.5		6AR
1AH4		PND	SIN	T3F	RFA	SCO	RA	F	1.2	40	90	2		68	1	180K	3.5	4.5		FL
1AJ5		DIO	PND	T3F	DET	VAC	RA	F	1.2	40	90	2		45	1	2M	1.7	2.4		FL
1AJ5		PND	DIO	T3F	VA	SCO	RA	F	1.2	40	90	2		45	1	300K	3.5	4.5		FL
1AK4		PND	SIN	T3F	RFA	SCO	RA	F	1.2	20	90	1		68	750U	2M	3.5	4.5		FL
1AK5		DIO	PND	T3F	DET	VAC	RA	F	1.2	20	90	1		45	2	400K	2.0	2.7		FL
1AX2A		DIO	SIN	T6	REC	VAC	HY	F	1.4	650	25K	11		20K	300U					9Y
1B3GT	S	DIO	SIN	T9	REC	VAC	RC	F	1.2	200	30K	17		35	2					3C
1C5GT		PND	SIN	T9	PA	SRC	HY	F	1.4	100	110	12		90	8					6X
1DN5		DIO	PND	T5	DET	VAC	TS	F	1.4	50	90	3		68	250U	115K				68W
1DN5		PND	DIO	T5	AFA	SRC	TS	F	1.4	50	90	3		68	2	600K				68W
1E8	S	PTG	SIN	T3	CON	SY	SY	F	1.2	40	68	4		68	1	400K	6.0	5.0		8CN
1F5G		PND	SIN	S14	PA	SRC	SY	F	2.0	120	180		1.8	135	8	200K				6X
1G3GT	S	DIO	SIN	T9	REC	VAC	RC	F	1.2	200	33K	30		25	1					3C
1G4GT		TRI	SIN	T9	VA	RCO	GE	F	1.4	50	110	4		90	2	9	11K	2.2	3.4	3C
1H2		DIO	SIN	T6	REC	VAC	GE	H	1.4	550	24K	50		10	500U					5S
1H5GT		DIO	TRI	T9	DET	VAC	HY	F	1.4	50										9UT
1H5GT		TRI	DIO	T9	VA	SCO	HY	F	1.4	50	110			90	150U	3	65	240K	1.0	5Z

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH		I _f	MAX E _b E _{on} E _{px}	MAX I _b	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
1J3	S	DIO	SIN	T9	REC	VAC	GE	F	ma	v	ma	w	v	5000	μmho		ohms	μμf	μμf	3C
1K3	S	DIO	SIN	T9	REC	VAC	GE	F	200	26K	50		50	5000					1.6	3C
1L4	S	PND	SIN	T5	RFA	SCC	RC	F	200	26K	50		90	5000	9		600K	3.6	1.6	6AR
1L6		PTG	SIN	T5	CON	SCC	SY	F	50	110	6		90	5000	8		650K	7.5	7.5	7DC
1LC5		PND	SIN	T9	RFA	SCO	SY	F	50	110	5		90	5000	8		17	3.2	7.0	7AO
1LC6	S	PTG	SIN	T9	CON	SCO	SY	F	50	110	3		90	7500	8		650K	5.5	5.5	7AK
1LE3		TRI	SIN	T9	GEN	RCO	SY	F	50	110	5		90	1	8	14	19K	1.7	3.0	4AA
1LG5		PND	SIN	T9	RFA	SRC	SY	F	50	110	5		90	2	8		1M	3.2	7.0	7AO
1LN5		PND	SIN	T9	RFA	SCO	PL	F	50	110	5		90	2	8		1M	3.0	8.0	7AO
1N2		DIO	SIN	T12	REC	VAC	SY	F	200	28K	50			5000				1.4	1.4	3C
1N5GT	S	PND	SIN	T9	RFA	SCO	HY	F	50	110	5		90	1	8		2M	2.8	9.0	5Y
1P5GT	S	PND	SIN	T9	RFA	SRC	HY	F	50	110	5		90	1	8		800K	3.0	10.0	5Y
1R4		DIO	SIN	T9	REC	VAC	SY	H	150	117	1		68	1	16		500K	3.8	7.5	4AH
1R5		PTG	SIN	T5	CON	RC	RC	F	50	90	6		68	1			100K			7AT
1S4		PND	SIN	T5	PA	SRC	RC	F	100	90	11		68	7						7AV
1S5	S	DIO	PND	T5	DET	VAC	RC	F	50					2500				2.2	2.4	6AU
1S5	S	PND	DIO	T5	VA	SCO	RC	F	50	90	3		68	2	6		600K	3.8	6.5	6AU
1T4WA	*	PND	SIN	T5	IFA	SRC	RA	F	50	100	5	0.4	90	4	9		170K	3.6	7.5	6AR
1U4	S	PND	SIN	T5	VA	SCJ	TS	F	50	110	6		90	2	9		1M			6AR
1U5	S	DIO	PND	T5	DET	NU	NU	F	50					2500						6BW
1U5	S	PND	DIO	T5	AFA	SCO	NU	F	50	90	3		68	2	6		600K	2.0	6.5	6BW
1U6		PTG	SIN	T5	CON	SCC	SY	F	25	110	4		90	6000			500K			7CD
1V2		DIO	SIN	T5	REC	VAC	RC	F	300	8K	10		25	5000				0.8	0.8	9U
1V6		TRI	PND	T3F	OSC	RA	RA	F	40	90	2		45	4000				4.0	1.9	FL
1V6		PND	TRI	T3F	CON	SCO	RA	F	40	90	2		45	4000			1M	3.2	2.4	FL
1X2A		DIO	SIN	T6	REC	VAC	HY	F	200	20K	11		14K	1750				1.0	1.0	9Y
1X2B		DIO	SIN	T6	REC	VAC	SY	F	200	22K	45		18K	1000				1.0	1.0	9Y
1Z2	*	DIO	SIN	T5	REC	VAC	NU	F	265	15K	8		18	2						7CB
2A3	S	TRI	SIN	S16	PA	RCO	RC	F	2500	300	14	15.0	250	60	52	4	800	7.5	5.5	4D
2A7	S	PTG	SIN	S12	CON	RC	RC	H	800	300	14	1.0	250	4			360K	7.0	9.0	7C
2AF4A	S	TRI	SIN	T5	UHF	SRC	RC	H	600	150	28	2.2	100	20	75	16	2130	2.2	0.45	7DK
2B3		DIO	SIN	T9	REC	VAC	GE	F	250	27K	50		12	5000				1.3	1.3	8H
2B22		DIO	SIN	L1T	REC	HIP	GE	H	750	300			100	5						
2BN4	S	TRI	SIN	T5	VHF	SCO	GE	H	600	275	22	2.2	150	9	68	43	6300	3.2	1.4	7EG
2C51	S	TRI	TWN	T6	GEN	SRC	BT	H	300	300	18	1.5	150	8	55	35		2.2	1.0	8CJ

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{pr}	MAX I _b	P _p	E _b	I _b	gm. 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	N											IN	OUT	
2CY5	S	TET	SIN	T5	V-IF	SCO	WH	H	V	2.4	600	180	2.0	125	10	80		ohms 100K	μμf 4.5	μμf 3.0	7EW
2D21	S	TET	SIN	T5	THY	GAS	RC	H	6.3	600	1K	500	13.5	400	100	32			2.4	1.6	7BN
2E24		BEA	SIN	T9	PA	RCO	RC	F	6.3	650	500	75	10.5	250	40	25			9.5	7.0	7CL
2E25		BEA	SIN	S11	PA	RCO	HY	F	6.0	1000	400	75	10.5	250	40	25			8.5	6.0	5BJ
2E26	S	BEA	SIN	T9	PA	RCO	RC	H	6.3	800	600	75	17.0	250	42	35			12.5	7.0	7CK
2E30		BEA	SIN	T5	PA	RCO	HY	F	6.0	650	275	60	10.0	180	32	35			9.5	6.6	7CQ
2E31		PND	SIN	T3F	RFA	SCO	RA	F	1.2	50	45	1		22	400U	5	350K	4.2	4.0	FL	
2E35		PND	SIN	T3F	PA	SCO	RA	F	1.2	30	45	1		45	450U	5	250K	2.7	5.7	FL	
2EA5	S	TET	SIN	T5	VHF	SCO	PL	H	2.3	600	250	20	3.2	250	10	80		150K	3.8	2.3	7EW
2EN5		DIO	TWN	T5	DET	VAC	PL	H	2.1	450		5							3.7		7FL
2EV5		TET	SIN	T5	VHF	SCO	WH	H	2.4	600	275	20	3.2	250	12	88		150K	4.5	2.9	7EW
2FV6	S	TET	SIN	T5	VHF	SCO	RC	H	2.4	600	275	20	2.0	125	10	80		100K	4.5	3.0	7FQ
2G5		TRI	SIN	S12	IND		HY	H	2.5	800	250	2		250	240U						6R
2G21	S	TRI	PTG	T3F	OSC		RA	F	1.2	50	45	2		22	1				3.8	3.7	FL
2G21	S	PTG	TRI	T3F	MIX		RA	F	1.2	50	45	2		22	200U				3.5	3.6	FL
2G22	S	TRI	PTG	T3F	OSC		RA	F	1.2	50	45	2		22	1				3.8	3.7	FL
2G22	S	PTG	TRI	T3F	MIX		RA	F	1.2	50	45	2		22	200U				3.5	3.6	FL
2T4	S	TRI	SIN	T5	OSC	SRC	SY	H	2.4	600	200	30	3.5	80	18	70	13	1860	2.9	0.2	7DK
2V2		DIO	SIN	T11	REC	VAC	GE	F	2.5	200	21K	80		20	1						8FV
3A2		DIO	SIN	T6	REC	VAC	RC	H	3.2	220	18K	80		25	2				1.0		9DT
3A3		DIO	SIN	T9	REC	VAC	RC	H	3.2	220	30K	80		35	2				1.5		8EZ
3A4		PND	SIN	T5	PA	RCO	RC	F	2.8	100	150	18	2.0	135	15	19		90K	4.8	4.2	7BB
3A5		TRI	TWN	T5	VA	SRC	RC	F	2.8	110	135	5	0.5	90	4	18	15	8300	0.9	1.0	7BC
3AF4A	S	TRI	SIN	T5	UHF	SRC	GE	H	3.2	450	150	28	2.2	100	20	75	16	2130	2.2	0.45	7DK
3AL5	S	DIO	TWN	T5	DET	HIP	GE	H	3.2	600	330	54		117	9				2.5		6BT
3AU6	S	PND	SIN	T5	IFA	SCO	GE	H	3.2	600	300		3.0	250	8	45		2M	5.5	5.0	7BK
3AV6	S	DWD	TRI	T5	DET	VAC	SY	H	3.2	600			0.5	250	1	16	100	62K	2.2	0.8	7BT
3AV6	S	TRI	DWD	T5	VA	SCO	SY	H	3.2	600	300			30	1						8GH
3B2		DIO	SIN	T12	REC	VAC	RC	H	3.2	220	35K	80		30	1						
3B4		BEA	SIN	T5	PA	RCO	HY	F	2.5	165	150	25	3.0	150	25	19			4.6	7.6	7CY
3B7	S	TRI	TWN	T9	UHF	SRC	SY	F	2.8	110	180	15	2.7	135	11	19	20		1.4	1.8	7BE
3B24WA		DIO	SIN	T12	REC	VAC	WE	F	5.0	3000	20K	300		200	140						3K
3B28	S*	DIO	SIN	T16	REC	GAS	CH	F	2.5	5000	10K	1000		3K	250						4P
3BA6	S	PND	SIN	T5	RFA	RCO	GE	H	3.2	600	300		3.0	250	11	44	1M		5.5	5.0	7BK
3BC5	S	PND	SIN	T5	RFA	SRC	GE	H	3.2	600	300		2.0	250	8	57	800K		6.5	1.8	7BD

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.	REG. K	E _r	I _r	MAX E _b E _{cm} E _{px}	MAX I _b	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
																			IN	OUT	
3BE6	S	PTG	SIN	T5	CON			GE	H	V	3.2	600	300	14	1.0	250	3	ohms	μuf	μuf	7CH
3BN4	S	TRI	SIN	T5	VHF	SCO		GE	H	3.0	450	275	22	2.2	150	9	43	1M	5.5	8.0	7EG
3BN6	S	GTB	SIN	T5	DIS			GE	H	3.2	600	300	12	1.1	100	2		6300	3.2	1.4	7DF
3BU8	S	PND	TWN	T6	VHF	SCO		GE	H	3.2	600	300	12	2.0	250	6			4.2	3.0	9FG
3BY6	S	PTG	SIN	T5	GA	SRC		GE	H	3.2	600	300	12	2.0	250	6			6.0	7.6	7CH
3BZ6	S	PND	SIN	T5	IFA	RCO		SY	H	3.2	600	330	2.3	125	14	80		260K	7.0	2.0	7CM
3C2		DIO	SIN	T12	REC	VAC		GE	F	3.2	210	33K	80	30	1				1.4		8FV
3C23		TRI	SIN	S16	THY	GAS		GE	F	2.5	7A	1K	6A	600	2A						3G
3CB6	S	PND	SIN	T5	IFA	SCO		GE	H	3.2	600	300	2.3	200	10	62		600K	6.5	2.0	7CM
3CE5	S	PND	SIN	T5	RFA	SCO		HY	H	3.2	600	300	2.0	125	11	76		300K	6.5	1.9	7BD
3CF6	S	PND	SIN	T5	IFA	SCO		RC	H	3.2	600	300	2.0	200	10	62		600K	6.5	2.0	7CM
3CS6	S	PTG	SIN	T5	GA	SCO		GE	H	3.2	600	300	14	1.0	100	1		1M	5.5	7.5	7CH
3CY5	S	TET	SIN	T5	VHF	SCO		WH	H	2.9	450	180	20	2.0	125	10		100K	4.5	3.0	7EW
3D6	S	BEA	SIN	T9	PA	SRC		SY	F	2.8	110	180	30	4.5	150	10			7.5	5.5	6BA
3D21A	S	PND	SIN	S14	OSC	RCO		HY	H	12.6	850	4K	15.0	600	30	55					68U
3DK6	S	PND	SIN	T5	IFA	SCO		WH	H	3.2	600	330	2.3	125	12	98		350K	6.3	1.9	7CM
3DT6	S	PND	SIN	T5	DET	SCO		RC	H	3.2	600	330	1.7	150	1	8		150K	5.8		7EN
3EA5	S	TET	SIN	T5	VHF	SCO		PL	H	3.0	450	250	20	3.2	250	10		150K	3.8	2.3	7EW
3EV5	S	TET	SIN	T5	VHF	SCO		WH	H	2.9	450	275	20	3.2	250	12		150K	4.5	2.9	7EW
3LF4	S	BEA	SIN	T9	PA	SRC		SY	F	2.8	50	110	12		110	8		110K			6BB
3Q4	S	PND	SIN	T5	PA	SRC		RC	F	2.8	50	90	12		90	8		120K			7BA
3Q5G	S	BEA	SIN	T9	PA	SRC		SY	F	2.8	50	110	12		90	10		90K	8.0	6.5	7AP
3S4	S	PND	SIN	T5	PA	SRC		RC	F	2.8	50	90	12		68	6		100K			7BA
3V4	S	PND	SIN	T5	PA	SRC		NU	F	2.8	50	90	12		90	8		120K	5.5	3.8	6BX
4AU6	S	PND	SIN	T5	IFA	SCO		RC	H	4.2	450	300	3.0	250	8	45		2M	5.5	5.0	7BK
4B32	S*	DIO	SIN	T18	REC	GAS		CH	F	5.0	7250	10K		3K	1250						4AT
4BA6	S	PND	SIN	T5	RFA	RCO		GE	H	4.2	450	300	3.0	250	11	44		1M	5.5	5.0	7BK
4BC5	S	PND	SIN	T5	RFA	SRC		GE	H	4.2	450	300	2.0	250	8	57		800K	6.5	1.8	7BD
4BC8	S	TRI	TWN	T6	CA	SRC		SY	H	4.2	600	250	20	2.0	150	10	35		2.5	1.3	9AJ
4BE6	S	PTG	SIN	T5	CON			GE	H	4.2	450	300	14	1.0	250	3		1M	5.5	8.0	7CH
4BN6	S	GTB	SIN	T5	DIS			GE	H	4.2	450	300	12		121	440U			4.2		7DF
4BQ7A	S	TRI	TWN	T6	CA	SCO		SY	H	4.2	600	250	20	2.0	150	9	38	5900	2.6	1.2	9AJ
4BS8	S	TRI	TWN	T6	CA	SCO		WH	H	4.2	600	150	20	2.0	150	10	72	5000	2.6	1.4	9AJ
4BU8	S	PND	TWN	T6	VHF	SCO		GE	H	4.2	450	300	12	1.1	100	2	15		6.0	3.0	9FG
4BX8	S	TRI	TWN	T6	CA	SCO		WH	H	4.5	600	150	20	2.0	65	9	25		2.4	1.25	9AJ

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
4826	S	PND	SIN	T5	IFA	RCO	GE	H	4.2	450	330	20	2.3	125	14	80		260K	7.0	2.0	7CM
4827	S	TRI	TWN	T6	CA	SCO	SY	H	4.2	600	250	20	2.0	150	10	68	36	530K	2.6	1.2	9AJ
4828	S	TRI	TWN	T6	CA	SRC	PL	H	4.2	600	250	20	2.2	125	10	80	45	560K			9AJ
4CB6	S	PND	SIN	T5	IFA	SCO	GE	H	4.2	450	300		2.3	200	10	62		600K	6.5	2.0	7CM
4CE5	S	PND	SIN	T5	RFA	SCO	GE	H	4.2	450	300		2.0	125	11	76		300K	6.5	1.9	7BD
4CS6	S	PTG	SIN	T5	GA	SCO	SY	H	4.2	450	300	14	1.0	100	1	11		1M			7CH
4CX7	S	TRI	TWN	T6	CA	SRC	SY	H	4.2	600	250	20	2.0	150	9	64	39		2.4	1.3	9FC
4CY5	S	TET	SIN	T5	VHF	SCO	WH	H	4.5	300	180	20	2.0	125	10	80		100K	4.5	3.0	7EW
4DE6	S	PND	SIN	T5	IFA	SRC	SY	H	4.2	450	330		2.3	125	16	80		250K	6.5	2.0	7CM
4DK6	S	PND	SIN	T5	IFA	SCO	WH	H	4.2	450	330		2.3	125	12	98		350K	6.3	1.9	7CM
4DT6	S	PND	SIN	T5	DET	SCO	KA	H	4.2	450	300		1.5	150	1	8		150K	5.8		7EN
4EW6	S	PND	SIN	T5	IFA	SCO	GE	H	4.2	600	330		3.1	125	11	140		200K	10.0	2.4	7CM
5A6	S	BEA	SIN	T6	PA	RCO	TS	F	5.0	230	150	40			28	43			8.5	6.0	9L
5AM8	S	DIO	PND	T6	DET	HIP	SY	H	4.7	600	300				5						9CY
5AM8	S	PND	DIO	T6	IFA	SRC	SY	H	4.7	600	300		2.8	200	12	70		600K	6.0	2.6	9CY
5AN8	S	TRI	PND	T6	GEN	RCO	SY	H	4.7	600	300		2.6	200	13	33	19	5750	2.0	0.27	9DA
5AN8	S	PND	TRI	T6	GEN	SRC	SY	H	4.7	600	300		2.0	200	10	62		300K	7.0	2.3	9DA
5AQ5	S	BEA	SIN	T5	PA	RCO	GE	H	4.7	600	250		12.0	250	47	41		52K	8.0	8.5	7BZ
5AS4A	S	DIO	TWN	S16	REC	VAC	RC	F	5.0	3000	2K	1000			275						5T
5AS8	S	DIO	PND	T6	DET	HIP	RC	H	4.7	600	330	50			5					3.0	9DS
5AS8	S	PND	DIO	T6	VHF	SRC	RC	H	4.7	600	300		2.5	200	10	62		300K	7.0	2.4	9DS
5AT4	S	DIO	TWN	S16	REC	VAC	CH	H	5.0	4250	2K	2000			800						5L
5AT8	S	TRI	PND	T6	OSC	SRC	RC	H	4.7	600	250		1.5	100	8	58	40	6900	2.0	0.5	9DW
5AT8	S	PND	TRI	T6	MIX	SRC	RC	H	4.7	600	250		2.0	250	8	46		750K	4.5	0.9	9DW
5AU4	S	DIO	TWN	T12	REC	VAC	GE	F	5.0	3750	1K	1075			325						5T
5AV8	S	TRI	PND	T6	GEN	RCO	SY	H	4.7	600	300		2.5	200	13	33	19	5750	2.0	0.27	9DZ
5AV8	S	PND	TRI	T6	GEN	SRC	SY	H	4.7	600	300		2.0	200	10	62		300K	7.0	2.3	9DZ
5AW4	S	DIO	TWN	T12	REC	VAC	HY	F	5.0	3700	2K	750			250						5T
588	S	TRI	PND	T6	GEN	RCO	SY	H	4.7	600	300		2.5	200	13	33	19	5750	1.9	1.4	9EC
588	S	PND	TRI	T6	GEN	SRC	SY	H	4.7	600	300		2.0	200	10	62		300K	6.0	2.6	9EC
58E8	S	TRI	PND	T6	OSC	SRC	SY	H	4.7	600	300		2.5	150	18	85	40	5000	2.8	1.5	9EG
58E8	S	PND	TRI	T6	MIX	SRC	SY	H	4.7	600	300		2.8	250	10	52		400K	4.4	2.6	9EG
58K7A	S	TRI	TWN	T6	CA	SRC	GE	H	4.7	600	300		2.7	150	18	93	43	4600	3.0	1.0	9AJ
58Q7A	S	TRI	TWN	T6	CA	SCO	GE	H	5.6	450	300	20	2.0	150	9	64	38	5900	2.6	1.2	9AJ
58R8	S	TRI	PND	T6	OSC	SRC	TS	H	4.7	600	300		2.7	150	18	85	40	5000			9FA

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
5BR8	S	PND	TRI T6	T6	MIX	SRC TS		H	ma	V	ma	W	V	ma	μmho		ohms	μμf	μμf	9FA
5BS8	S	TRI TWN T6	T6	T6	CA	SCO WH		H	600	300	20	2.8	250	10	52		400K	5.0	2.6	9AJ
5BT8	S	DWD PND T6	T6	T6	DET	VAC WH		H	450	150		2.0	150	10	72	36	5000	2.6		9FE
5BT8	S	PND DWD T6	T6	T6	IFA	SRC WH		H	600	300		2.0	200	10	62		300K	7.0	1.3	9FE
5BW8	S	DWD PND T6	T6	T6	DET	VAC GE		H	600	300				5					2.3	9HK
5BW8	S	PND DWD T6	T6	T6	IFA	SRC GE		H	600	330		3.0	250	10	52		250K	4.8	2.6	9HK
5BZ7	S	TRI TWN T6	T6	T6	CA	SCO GE		H	450	300	20	2.0	150	10	68	36	5300	2.6	1.2	9AJ
5CG8	S	PND PND T6	T6	T6	OSC	SRC RC		H	600	250		1.5	100	8	58	40	6900			9GF
5CG8	S	PND TRI T6	T6	T6	MIX	SRC RC		H	600	250		2.0	250	8	46	40	750K	4.8	0.9	9GF
5CL8A	S	TRI TET T6	T6	T6	OSC	SRC GE		H	600	330		2.5	125	14	80	40	5000	2.8	1.5	9FX
5CL8A	S	TET TRI T6	T6	T6	MIX	SRC GE		H	600	330		3.0	125	12	65		200K	5.0	2.0	9FX
5CM6	S	BEA SIN T6	T6	T6	PA	RCO SY		H	600	315		12.0	250	47	41		50K	8.0	8.5	9CK
5CM8	S	TRI PND T6	T6	T6	GEN	SCO SY		H	600	300		1.0	250	2	20	100	50K	1.6	0.22	9FZ
5CM8	S	PND TRI T6	T6	T6	GEN	SRC SY		H	600	300		2.0	200	10	62		600K	6.0	2.6	9FZ
5CQ8	S	TRI TET T6	T6	T6	OSC	SCO RC		H	600	300		2.7	125	15	80	40	5000			9GE
5CQ8	S	TET TRI T6	T6	T6	MIX	SCO RC		H	600	300		2.8	125	12	58		140K			9GE
5CR8	S	TRI PND T6	T6	T6	GEN	SRC SY		H	600	330		2.8	125	12	40	22	5500	2.0	1.4	9GJ
5CR8	S	PND TRI T6	T6	T6	GEN	SRC SY		H	600	330		2.3	125	13	77		300K	6.0	2.8	9GJ
5CZ5	S	BEA SIN T6	T6	T6	PA	RCO RC		H	600	350		12.0	250	48	48		73K	6.0	6.0	9HN
5DH8	S	TRI PND T6	T6	T6	GEN	SRC GE		H	600	300		2.0	250	7	44	53	12K	2.4	1.4	9EG
5DH8	S	PND TRI T6	T6	T6	IFA	SCO GE		H	600	300		2.2	125	14	86		150K	6.5	2.2	9EG
5EA8	S	TRI PND T6	T6	T6	OSC	SRC GE		H	600	330		3.0	150	18	85	40	5000	3.0	0.3	9AE
5EA8	S	PND TRI T6	T6	T6	MIX	SRC GE		H	600	330		3.1	125	12	64		80K	5.0	2.6	9AE
5EH8	S	TRI PND T6	T6	T6	OSC	SRC SY		H	600	300		2.5	125	14	75	40		2.8	1.7	9JG
5EH8	S	PND TRI T6	T6	T6	MIX	SRC SY		H	600	300		2.8	125	12	60		170K	4.8	2.4	9JG
5FV8	S	TRI PND T6	T6	T6	VDO	SRC SY		H	600	330	70	2.0	125	14	80	40	5000	2.8	1.5	9FA
5FV8	S	PND TRI T6	T6	T6	IFA	SRC SY		H	600	330		2.3	125	12	65		200K	5.0	2.0	9FA
5GH8	S	TRI PND T6	T6	T6	VA	SRC GE		H	600	330		2.5	125	14	85	46	5400	3.4	0.3	9AE
5GH8	S	PND TRI T6	T6	T6	OSC	SRC GE		H	600	350	20	2.5	125	12	75		200K	5.5	2.6	9AE
5J6	S	TRI TWN T5	T5	T5	RFA	SCO GE		H	600	300	15	1.5	100	8	53	38	7100	2.2	0.4	7BF
5R4GYA	S	DIO TWN T12	T12	T12	REC	VAC GE		F	2000	3K	650		900	150						5T
5T8	S	TRD TRI T6	T6	T6	DET	HIP GE		H	600	300		1.0	250	1	12	70	58K	1.6	1.1	9E
5U4GA	S	TRI TRD T6	T6	T6	AFA	SCO GE		H	600	300	900		450	250						9E
5U8	S	DIO TWN T11	T11	T11	REC	VAC GE		F	3000	2K		2.7	150	18	85	40	5000	2.5	0.4	5T
5U8	S	TRI PND T6	T6	T6	OSC	SRC GE		H	600	300										9AE

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
5U8	S	PND	TRI	T6	MIX	SRC	GE	H	4.7	600	300	2.8	250	10	52		400K	5.0	2.6	9AE
5V3	S	DIO	TWN	T12	REC	VAC	SY	F	5.0	3800	1K		425	350						5T
5V4G	S	DIO	TWN	S14	REC	VAC	SY	H	5.0	2000	1K		375	175						5L
5V6GT	S	BEA	SIN	T9	PA	RCO	GE	H	4.7	600	315	12.0	250	47	41		50K	9.0	7.5	7S
5X8	S	TRI	PND	T6	OSC	SRC	SY	H	4.7	600	250	1.5	100	8	58	40	6900	2.0	0.5	9AK
5X8	S	PND	TRI	T6	MIX	SRC	SY	H	4.7	600	250	2.0	250	8	46		750K	4.3	0.7	9AK
5Y3WGT	S*	DIO	TWN	T9	REC	VAC	RC	F	5.0	2000	1K		400	125						5T
5Y4GA	S	DIO	TWN	T12	REC	VAC	SY	F	5.0	2000	1K		350	125						5Q
5Z3	S	DIO	TWN	S16	REC	VAC	RC	F	5.0	3000	1K		450	225						4C
5Z4	S	DIO	TWN	MT8	REC	VAC	RC	H	5.0	2000	1K		350	125						5L
6A3	S	TRI	SIN	S16	PA	RCO	SY	F	6.3	1000	250		250	60	52	4	800	7.0	9.0	4D
6A7	S	PTG	SIN	S12	CON		RC	H	6.3	300	300	1.0	250	4			360K			7C
6A8GT	S	PTG	SIN	T9	CON		HY	H	6.3	300	300	1.0	250	4			360K	6.0	12.0	8A
6AB4	S	TRI	SIN	T5	GEN	SRC	GE	H	6.3	150	300	2.5	250	10	55	60	11K	2.2	0.5	5CE
6AB7	S	PND	SIN	MT8	RFA	SRC	RC	H	6.3	450	300	3.8	300	12	50		700K	8.0	5.0	8N
6AC7	S	PND	SIN	MT8	RFA	SCO	RC	H	6.3	450	300	3.0	300	10	90		1M	11.0	5.0	8N
6AD4	S	TRI	SIN	T3	VA	SCO	SY	H	6.3	150	150	0.3	100	1	20	70	35K	1.9	2.2	8DK
6AF3	S	DIO	SIN	T6	DA	VAC	TS	H	6.3	1200	4K	6.0	20	185						9CB
6AF4A	S	TRI	SIN	T5	UHF	SRC	RC	H	6.3	225	150	2.2	100	20	75	16	2130	2.2	0.45	7DK
6AF6G	S	TRI	DIS	T9	IND		RC	H	6.3	150	250		250	2						7AG
6AG5	S	PND	SIN	T5	VHF	SRC	RC	H	6.3	300	300	2.0	250	6	50		800K	6.5	1.8	7BD
6AG7	S	PND	SIN	MT8	PA	SRC	RC	H	6.3	650	300	9.0	300	30	110		130K	13.0	7.5	8Y
6AH4GT	S*	TRI	SIN	T9	VDA	RCO	SY	H	6.3	750	500	7.5	250	30	45	8	1780	7.0	1.7	8EL
6AH6WA	S	PND	SIN	T5	IFA	SRC	RA	H	6.3	450	330	3.3	300	10	90		500K	10.0	4.5	7BK
6AJ4	S	TRI	SIN	T6	UHF	SRC	GE	H	6.3	225	150	2.0	125	16	100	42	4200			9BX
6AJ5	S	PND	SIN	T5	UHF	SCO	WE	H	6.3	175	180	1.7	28	3	25		100K	4.0	2.1	7BD
6AK4	S	TRI	SIN	T3	UHF	RCO	SY	H	6.3	150	250	3.0	200	10	38	20	5300	1.9	0.8	8DK
6AK5	S	PND	SIN	T5	UHF	SRC	WE	H	6.3	175	180	1.7	180	8	51		500K	4.0	2.1	7BD
6AK6	S	PND	SIN	T5	PA	RCO	RC	H	6.3	150	300	2.8	180	15	23		200K	3.6	4.2	7BK
6AL5	S	DIO	TWN	T5	DET	HIP	RC	H	6.3	300	330		117	9					2.5	6BT
6AL7GT		HEX	SIN	T9	IND		GE	H	6.3	150	365		315	10						8CH
6AM4		TRI	SIN	T6	MIX	SCO	GE	H	6.3	225	200	2.0	200			85	8700			9BX
6AM8	S	DIO	PND	T6	DET	HIP	SY	H	6.3	450										9CY
6AN8	S	PND	DIO	T6	IFA	SRC	SY	H	6.3	450	300	2.8	200				600K	6.0	2.6	9CY
6AN4	S	TRI	SIN	T5	UHF	SCO	SY	H	6.3	225	300	4.0	200	13	100	70		2.3	0.3	7DK

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
6AN5WA	*	PND	SIN T5	T5	PA	SRC RA	H	H	V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	$\mu\mu f$	$\mu\mu f$	78D
6AN6		DIO	TRD T5	T5	REC	VAC SY	H	H	6.3	450	330	55	4.6	120	33	85			9.0	5.5	78J
6AN8	S	TRI	PND T6	T6	GEN	RCO RC	H	H	6.3	200	210	45	2.6	200	13	33	19	5750	2.0	0.27	9DA
6AN8	S	PND	TRI T6	T6	GEN	SRC RC	H	H	6.3	450	300		2.0	200	10	62		300K	7.0	2.3	9DA
6AQ5	S	BEA	SIN T5	T5	PA	RCO TS	H	H	6.3	450	250		12.0	250	47	41		52K	8.0	8.5	78Z
6AQ6	S	DWD	TRI T5	T5	DET	VAC RC	H	H	6.3	150		1									78T
6AQ6	S	TRI	DWD T5	T5	VA	SCO RC	H	H	6.3	150	300			250	1	12	70	58K	1.8	1.7	78T
6AR5	S	PND	SIN T5	T5	PA	RCO HY	H	H	6.3	400	250		8.5	250	33	23		68K			6CC
6AR6	S	BEA	SIN T11	T11	PA	RCO BT	H	H	6.3	1200	565	115	19.0	250	77	54		21K	11.0	7.0	68Q
6AR8	S	SHB	SIN T6	T6	DET	SRC GE	H	H	6.3	300	300	30	2.0	250	10	40				5.0	9DP
6AS5	S	BEA	SIN T5	T5	PA	RCO RC	H	H	6.3	800	150		5.5	150	36	56			12.0	6.2	7CV
6AS6	S	PND	SIN T5	T5	VA	SRC BT	H	H	6.3	175	180	18	1.7	120	5	32		110K	3.9	2.2	7CM
6AS7GA	S	TRI	TWN T12	T12	PA	RCO RC	H	H	6.3	2500	250	125	13.0	135	125	70	2	280	6.5	2.2	88D
6AS8	S	DIO	PND T6	T6	DET	HIP RC	H	H	6.3	450	330	50			5					3.0	9DS
6AS8	S	PND	DIO T6	T6	VHF	SRC RC	H	H	6.3	450	300		2.5	200	10	62		300K	7.0	2.4	9DS
6AT6	S	DWD	TRI T5	T5	DET	VAC RC	H	H	6.3	300					1						78T
6AT6	S	TRI	DWD T5	T5	VA	SCO RC	H	H	6.3	300	300		0.5	250	1	12	70	58K	2.2	0.8	78T
6AT8	S	TRI	PND T6	T6	OSC	SRC RC	H	H	6.3	450	250		1.5	100	8	58	40	6900	2.0	0.5	9DW
6AT8	S	PND	TRI T6	T6	MIX	SRC RC	H	H	6.3	450	250		2.0	250	8	46		750K	4.5	0.9	9DW
6AU4GT	S	DIO	SIN T9	T9	DA	HIP TS	H	H	6.3	1800	4K	1000	6.0	15	175					8.5	4CG
6AU5GT	S	BEA	SIN T9	T9	PA	RCO RC	H	H	6.3	1250	550	400	10.0	115	60	56		6000	11.3	7.0	6CK
6AU6WA	S*	PND	SIN T5	T5	IFA	SCO RC	H	H	6.3	300	330		3.3	250	8	45		2M	5.5	5.0	7BK
6AUBA	S	TRI	PND T6	T6	GEN	SCO GE	H	H	6.3	600	300		2.5	150	9	49	40	8200	2.6	0.34	9DX
6AUBA	S	PND	TRI T6	T6	GEN	SRC GE	H	H	6.3	600	300		3.0	200	15	70		150K	7.5	3.4	9DX
6AV5GA	S	BEA	SIN T11	T11	HDA	RCO GE	H	H	6.3	1200	550	400	11.0	250	57	59		14K	14.0	7.0	6CK
6AV6	S	DWD	TRI T5	T5	DET	VAC NU	H	H	6.3	300					1						78T
6AV6	S	TRI	DWD T5	T5	VA	SCO NU	H	H	6.3	300	330		0.6	250	1	16	100	62K	2.2	0.8	78T
6AW6		PND	SIN T5	T5	VA	SCO HY	H	H	6.3	300	300		2.0	250	7	50		800K	6.5	1.5	7CM
6AW8A		PND	PND T6	T6	VA	SCO SY	H	H	6.3	600	300		1.0	200	4	40	70	18K	3.2	0.32	9DX
6AW8A		PND	TRI T6	T6	VHF	SRC SY	H	H	6.3	600	300		3.2	200	13	90		400K	10.0	3.6	9DX
6AX4GT	S*	DIO	SIN T9	T9	DA	VAC TS	H	H	6.3	1200	4K	750	4.8	21	125					5.0	4CG
6AX5GT	S	DIO	TWN T9	T9	REC	VAC RC	H	H	6.3	1200	1K	375			125						6S
6AX7	S	TRI	TWN T6	T6	VA	SCO SY	H	H	6.3	300	300		1.0	250	1	16	100	62K	1.6	0.46	9A
6AX8		TRI	PND T6	T6	VA	SRC PL	H	H	6.3	450	300		2.7	150	18	85	40	5000	2.5	1.0	9AE
6AX8		PND	TRI T6	T6	VHF	SRC PL	H	H	6.3	450	300		2.8	250	10	48		400K	5.0	3.5	9AE

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	$\frac{V_{cc}}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
																		IN	OUT	
6A25		DIO	TWN	T3	GEN	VAC	SY	H	ma	v	ma	w	v	ma	μ mh		ohms	μ uf	μ uf	8DF
6A28		TRI	PND	T6	OSC	RCO	RC	H	150	420	24	2.5	150	13	33	19	5750	1.6	1.7	9ED
6A28		PND	TRI	T6	IFA	SRC	RC	H	450	300		2.0	200	10	60		300K	6.5	2.2	9ED
6B3	S	DIO	SIN	T6	DA	VAC	WH	H	1200	4K	750		22	150	80	70			5.3	98D
6BA4		TRI	SIN	ROK	UHF	SY	SY	H	400	200	20		150	10						
6BA5		PND	SIN	T3	VA	SRC	SY	H	150	150		0.7	100	6	22		175K	3.2	1.6	8DY
6BA6	S	PND	SIN	T5	RFA	RCO	RC	H	300	300		3.0	250	11	44		1M	5.5	5.0	7BK
6BA7	S	PTG	SIN	T6	CON	RC	RC	H	300	300	22	2.0	250	4			1M	6.7	8.3	8CT
6BA8A	S	TRI	PND	T6	VA	SRC	SY	H	600	300		2.0	200	8	27	18	6700	2.5	0.4	9DX
6BA8A	S	PND	TRI	T6	VHF	SRC	SY	H	600	300		3.2	200	13	90		400K	10.0	3.6	9DX
6BC4		TRI	SIN	T6	UHF	SRC	RC	H	225	250	25	2.5	150	14	100	48	4800	2.9	0.26	9DR
6BC5	S	PND	SIN	T5	RFA	SRC	PL	H	300	300		2.0	250	8	57		800K	6.5	1.8	7BD
6BC7		TRD	SIN	T6	DET	HIP	PL	H	450	330	54		2	12					3.5	9AX
6BC8	S	TRI	TWN	T6	CA	SRC	SY	H	400	250	20	2.0	150	10	62	35		2.5	1.3	9AJ
6BD4A		BEA	SIN	T12	REG	SRC	RC	H	600	27K	2	25.0		1	1	2K		3.8	0.4	8FU
6BD6	S	PND	SIN	T5	IFA	RCO	RA	H	300	300	14	3.0	250	9	20		800K	4.3	5.0	7BK
6BE6	S	PTG	SIN	T5	CON	RC	RC	H	300	300	14	1.0	250	3			1M	5.5	8.0	7CH
6BE8	S	TRI	PND	T6	OSC	SRC	SY	H	450	300		2.5	150	18	85	40	5000	2.8	1.5	9EG
6BE8	S	PND	TRI	T6	MIX	SRC	SY	H	450	300		2.8	250	10	52		400K	4.4	2.6	9EG
6BF5		BEA	SIN	T5	VDA	RCO	PL	H	1200	250	120	5.0	110	39	75		12K	14.0	6.0	7BZ
6BF6	S	DWD	TRI	T5	DET	VAC	RC	H	300					1						7BT
6BF6	S	TRI	DWD	T5	AFA	RCO	RC	H	300	300		2.5	250	10	19	16	8500	1.8	0.7	7BT
6BF7W	S#	TRI	TWN	T3	GEN	SRC	SY	H	300	110		1.0	100	8	48	35	7000	2.0	0.28	8DG
6BG6GA	S	BEA	SIN	T12	HDA	RCO	GE	H	900	700	400	20.0	250	75	60		25K	11.0	6.0	5BT
6BH6	S	PND	SIN	T5	RFA	SRC	RC	H	150	300		3.0	250	7	46		1M	5.4	4.4	7CM
6BH8	S	TRI	PND	T6	GEN	SRC	GE	H	600	300		2.5	150	10	33	17	5150	2.6	0.38	9DX
6BH8	S	PND	TRI	T6	GEN	SRC	GE	H	600	300		3.0	200	15	70		150K	7.0	2.4	9DX
6BJ6	S	PND	SIN	T5	RFA	RCO	TS	H	150	300		3.0	250	9	36		1M	4.5	5.5	7CM
6BJ7		TRD	SIN	T6	DET	VAC	GE	H	450	330	10			1					3.0	9AX
6BJ8		DWD	TRI	T6	REC	VAC	SY	H	600		54		3	9						9ER
6BJ8		TRI	DWD	T6	OSC	RCO	SY	H	600	330	22	4.0	250	8	28	20	7150	2.8	0.31	9ER
6BK4		BEA	SIN	T12	REG	SRC	RC	H	200	27K	2	25.0		1	2	2K		2.6	1.0	8GC
6BK5	S	BEA	SIN	T6	PA	SRC	GE	H	1200	250		9.0	250	37	85		100K	13.0	5.0	9BQ
6BK6	S	DWD	TRI	T5	REC	HIP	SY	H	300					1						7BT
6BK6	S	TRI	DWD	T5	VA	SCO	SY	H	300	300				1	16	100	62K			7BT

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
6BK7A	S	TRI	TWN	T6	CA	SRC	GE	H	6.3	450	300	2.7	150	18	93	43	ohms	μμf	μμf	9AJ
6BL4	S	DIO	SIN	T12	DA	VAC	RC	H	6.3	3000	4K	8.0	12	200	70	70	28K	3.0	1.0	9AJ
6BL7GT	S	TRI	TWN	T9	VDA	RCO	SY	H	6.3	1500	500	10.0	250	40	70	15	2150	4.2	0.9	8GB
6BN4	S	TRI	SIN	T5	VHF	SCO	GE	H	6.3	200	275	2.2	150	9	68	43	6300	3.2	1.4	8BD
6BN6	S	GTB	SIN	T5	DIS		GE	H	6.3	300	300	12	121	440U				4.2		7EG
6BN8	S	DWD	TRI	T6	DET	VAC	SY	H	6.3	600	54	1.7	250	3	25	70	28K		1.9	7DF
6BN8	S	TRI	DWD	T6	VHF	SCO	SY	H	6.3	600	330	1.7	250	2	25	70	38K	3.6	0.25	9ER
6BQ5	S	BEA	SIN	T6	PA	SRC	SY	H	6.3	760	300	12.0	250	50	113	36	20K	10.8	6.5	9CV
6BQ6GT	S	BEA	SIN	T9	HDA	RCO	HY	H	6.3	1200	550	11.0	250	55	55	38	20K	15.0	7.5	6AM
6BQ7A	S	TRI	TWN	T6	CA	SCO	RC	H	6.3	400	250	2.0	150	9	64	38	5900	2.6	1.2	9AJ
6BR8A	S	TRI	PND	T6	OSC	SRC	SY	H	6.3	450	300	2.7	150	18	85	40	5000			9FA
6BR8A	S	PND	TRI	T6	MIX	SRC	SY	H	6.3	450	300	2.8	250	10	52	36	400K	5.0	2.6	9FA
6BS8	S	TRI	TWN	T6	CA	SCO	WH	H	6.3	400	150	2.0	150	10	72	36	5000	2.6	1.4	9AJ
6BT8	S	DWD	PND	T6	DET	VAC	WH	H	6.3	450	300	2.0	200	10	62		300K	7.0	2.3	9FE
6BT8	S	PND	DWD	T6	IFA	SRC	WH	H	6.3	450	300	2.0	200	10	62		300K	7.0	2.3	9FE
6BU5	S	BEA	SIN	T12	REG	SCO	GE	H	6.3	150	20K	20.0	20K	1	15			3.0	0.9	9FG
6BU8	S	PND	TWN	T6	VHF	SCO	GE	H	6.3	300	300	1.1	100	2	15			6.0	3.0	9FJ
6BV8	S	DWD	TRI	T6	DET	VAC	GE	H	6.3	600	330	2.7	200	10	56	33	5900	3.6	0.4	9FJ
6BV8	S	TRI	DWD	T6	VA	SRC	GE	H	6.3	600	330	2.7	200	11	56					9DJ
6BW4	S	DIO	TWN	T6	REC	VAC	SY	H	6.3	900	1K	3.0	325	100						
6BW8	S	DWD	PND	T6	DET	VAC	GE	H	6.3	450	330	3.0	250	5	52		250K	4.8	1.3	9HK
6BW8	S	PND	DWD	T6	IFA	SRC	GE	H	6.3	450	330	3.0	250	10	52		250K	4.8	1.3	9HK
6BX7GT	S	TRI	TWN	T9	VDA	RCO	SY	H	6.3	1500	500	10.0	250	42	76	10	1300	4.4	1.1	8BD
6BX8	S	TRI	TWN	T6	VHF	SCO	WH	H	6.3	400	150	2.0	65	9	67	25		2.4	1.25	9AJ
6BY5GA	S	DIO	TWN	T12	DA	VAC	SY	H	5.3	1600	3K	2.0	250	175						6CN
6BY6	S	PTG	SIN	T5	GA	SRC	RC	H	6.3	300	300	2.0	250	6	19			5.4	7.6	7CH
6BY8	S	DIO	PND	T5	DET	HIP	PL		6.3	600	430	3.0	250	45	52		1M	5.5	4.8	9FN
6BY8	S	PND	DIO	T6	VA	SCO	PL		6.3	600	330	3.0	250	11	52		260K	7.0	2.0	9FN
6BZ6	S	PND	SIN	T5	IFA	RCO	PL		6.3	300	300	2.3	125	14	80	36	5300	2.6	1.2	7CM
6BZ7	S	TRI	TWN	T5	CA	SCO	PL		6.3	400	250	2.0	150	10	68					9AJ
6BZ8	S	TRI	TWN	T5	CA	SRC	PL		6.3	400	250	2.2	125	10	80	45	5600			9AJ
6C4WA	S	TRI	SIN	T5	OSC	RCO	PL		6.3	150	330	3.8	250	10	22	17	7700	1.7	1.1	6BG
6C5	S	TRI	SIN	T5	GEN	RCO	PL		6.3	300	300	2.5	250	8	20	20	10K	3.0	1.0	6Q
6C6	S	PND	SIN	T12	GEN	SCO	GE	H	6.3	300	300	0.8	250	2	12		1M	5.0	6.5	6F
6CA5	S	BEA	SIN	T5	PA	SRC	GE	H	6.3	1200	130	5.0	125	37	92		15K	15.0	9.0	7CV

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
6CB5A	S	BEA	SIN	T12	HDA	RCO	RC	H	6.3	2500	800	770	23.0	175	90	88		5000	μμf	8GD	
6CB6	S	PND	SIN	T5	IFA	SCO	RC	H	6.3	300	300		2.3	200	10	62		600K	2.0	7CM	
6CD6GA	S	BEA	SIN	T12	HDA	RCO	GE	H	6.3	2500	700	700	20.0	175	75	77		7200	8.5	5BT	
6CE5	S	PND	SIN	T5	RFA	SCO	HY	H	6.3	300	300		2.2	125	11	76		300K	1.9	7BD	
6CF6	S	PND	SIN	T5	IFA	SCO	RC	F	6.3	300	300		2.0	200	10	62		600K	2.0	7CM	
6CG7	S	TRI	TWN	T6	GEN	RCO	RC	H	6.3	600	300	20	3.5	250	9	26	20	7700	2.3	9AJ	
6CG8	S	TRI	PND	T6	OSC	SRC	RC	H	6.3	450	250		1.5	100	8	58	40	6900		9GF	
6CG8	S	PND	TRI	T6	MIX	SRC	RC	H	6.3	450	250		2.0	250	8	46		750K	0.9	9GF	
6CH7	S	TRI	TWN	T6	CA	SCO	GE	H	6.3	400	250	20	2.0	150	10	68	36	5300	2.4	9EW	
6CH8	S	TRI	PND	T6	GEN	RCO	RC	H	6.3	450	300		2.6	200	13	33	19	5750	1.9	9FT	
6CH8		PND	TRI	T6	GEN	SRC	RC	H	6.3	450	300		2.0	200	10	62		300K	7.0	9FT	
6CK4		TRI	SIN	T9	VDA	RCO	SY	H	6.3	1250	550	350	12.0	250	40	55	7	1200	8.0	8JB	
6CL5	S	BEA	SIN	T12	HDA	RCO	SY	H	6.3	2500	700	840	25.0	175	90	65		6000	1.5	8GD	
6CL6	S	PND	SIN	T6	PA	SRC	RC	H	6.3	650	300		7.5	250	31	110		150K	5.5	9BV	
6CL8A	S	TRI	TET	T5	OSC	SRC	GE	H	6.3	450	330		2.5	125	14	80	40	5000	2.8	9FX	
6CL8A	S	TET	TRI	T6	MIX	SRC	GE	H	6.3	450	330		3.0	125	12	65		200K	5.0	9FX	
6CM6	S	BEA	SIN	T6	PA	RCO	SY	H	6.3	450	315		12.0	250	47	41		50K	8.0	9CK	
6CM7	S	TRI	DIS	T6	VDA	RCO	RC	H	6.3	600	500	70	5.5	250	20	44	18	4100	3.5	9ES	
6CM7	S	TRI	DIS	T6	VDO	SRC	RC	H	6.3	600	500	70	1.2	200	5	20	21	10K	2.0	9ES	
6CM8	S	TRI	PND	T6	GEN	SCO	SY	H	6.3	450	300		1.0	250	2	20	100	50K	1.6	9FZ	
6CM8	S	PND	TRI	T6	GEN	SRC	SY	H	6.3	450	300		2.0	200	10	62		600K	6.0	9FZ	
6CN7	S	DWD	TRI	T6	DET	VAC	GE	H	6.3	300	300		1.0	250	1	12	70	58K	1.5	9EN	
6CN7	S	TRI	DWD	T6	VA	SCO	GE	H	6.3	300	300		2.7	125	15	80	40	5000	2.7	9EN	
6CQ8	S	TRI	TET	T6	OSC	SCO	RC	H	6.3	450	300		2.8	125	12	58		140K	5.0	9GE	
6CQ8	S	TET	TRI	T6	MIX	SCO	RC	H	6.3	450	300									9GE	
6CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	6.3	1200	600	400	11.0	250	65	60		18K	12.9	9HC	
6CR6	S	DIO	PND	T5	DET	VAC	TS	H	6.3	300	300		2.5	250	10	22		800K		7EA	
6CR6	S	PND	DIO	T5	AFA	RCO	TS	H	6.3	300	300		2.8	125	12	40	22	5500	2.0	9GJ	
6CR8	S	TRI	PND	T6	GEN	SRC	SY	H	6.3	450	330		2.3	125	13	77		300K	6.0	9GJ	
6CR8	S	PND	TRI	T6	IFA	SCO	SY	H	6.3	450	330									9GJ	
6CS5	S	BEA	SIN	T6	PA	RCO	HY	H	6.3	1200	300		10.0	200	47	80		28K	15.0	9GR	
6CS6	S	PTG	SIN	T5	GA	SCO	SY	H	6.3	300	300	14	1.0	100	1	11		1M	5.5	7CH	
6CS7	S	TRI	DIS	T6	VDA	RCO	SY	H	6.3	600	500	105	6.5	250	19	45	16	3450	3.0	9EF	
6CS7	S	TRI	DIS	T6	OSC	RCO	SY	H	6.3	600	500	70	1.2	250	10	22	17	7700	1.8	9EF	
6CS8	S	TRI	PND	T6	GEN	SRC	SY	H	6.3	450	330		2.8	125	12	40	22	5500	1.9	9FZ	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K									IN	OUT	
6CS8	S	PND	TRI	T6	IFA	SCO	SY	H	ma	v	w	v	ma	μmho		ohms	μuf	μuf	9F2
6CU5	S	BEA	SIN	T5	PA	RCO	RC	H	450	330	2.3	125	13	77		300K	6.0	2.8	7CV
6CU6	S	BEA	SIN	T11	HDA	RCO	HY	H	1200	135	6.0	120	50	75		10K	13.0	8.5	6AM
6CU8	S	TRI	PND	T6	GEN	RCO	RC	H	1200	600	11.0	250	57	59		14K	15.0	7.0	9GM
6CU8	S	PND	TRI	T6	GEN	SRC	RC	H	450	300	2.6	200	13	33	19	5750	1.9	1.6	9GM
6CX7	S	TRI	TWN	T6	CA	SRC	SY	H	400	250	2.0	150	9	64	39	300K	7.0	2.4	9FC
6CX8	S	TRI	PND	T6	GEN	SCO	GE	H	750	330	2.0	150	9	46	40	8700	2.4	1.3	9DX
6CX8	S	PND	TRI	T6	VHF	SRC	GE	H	750	330	5.0	200	24	100		70K	9.0	0.38	9DX
6CY5	S	TET	SIN	T5	VHF	SCO	WH	H	200	180	2.0	125	10	80	5	100K	4.5	3.0	7EW
6CY7	S	TRI	DIS	T6	VDA	RCO	GE	H	750	350	5.5	150	30	54		920	5.0	1.0	9EF
6CY7	S	TRI	DIS	T6	VDO	SCO	GE	H	750	350	1.0	250	1	13	68	52K	1.5	0.3	9EF
6CZ5	S	BEA	SIN	T6	PA	RCO	RC	H	450	350	12.0	250	48	48		73K	6.0	6.0	9HN
6D4	S	TRI	SIN	T5	THY	GAS	SY	H	250	350	5.5	15	155						5AY
6DA4	S	DIO	SIN	T9	DA	VAC	WH	H	1200	4K	900								4CG
6DA7	S	TRI	DIS	T6	VDA	RCO	HY	H	1000	500	6.0	150	40	57	6	1100	5.5	0.82	9EF
6DA7	S	TRI	DIS	T6	VDO	SRC	HY	H	1000	300	2.0	250	9	26	20	7700	2.0	0.42	9EF
6DB5	S	BEA	SIN	T6	VDA	RCO	HY	H	1200	300	10.0	200	47	80		28K	15.0	9.0	9GR
6DB6	S	PND	SIN	T5	VHF	SCO	WH	H	300	300	3.0	150	6	20		50K	6.0	5.0	7CM
6DC6	S	DIO	SIN	T9	DA	SRC	RC	H	300	300	2.0	200	9	55		500K	6.5	2.0	7CM
6DE4	S	PND	SIN	T5	DA	VAC	RC	H	1600	5K	6.5		175						4CG
6DE6	S	PND	SIN	T5	IFA	SRC	PL	H	300	330	2.3	125	16	80		250K	6.5	2.0	7CM
6DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	900	275	7.0	150	35	65	6	925	5.5	1.0	9HF
6DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	900	330	1.5	250	6	20	18	8750	2.2	0.52	9HF
6DG6GT	S	BEA	SIN	T9	PA	RCO	RA	H	1200	200	10.0	200	47	80		28K	15.0	0.0	7S
6DK6	S	PND	SIN	T5	IFA	SCO	WH	H	300	330	2.3	125	12	98		350K	6.3	1.9	7CM
6DN6	S	BEA	SIN	T12	HDA	KCO	SY	H	2500	700	15.0	125	70	90		4000	22.0	1.5	5BT
6DN7	S	TRI	DIS	T9	VDA	RCO	GE	H	900	550	10.0	250	41	77	15	2000	4.6	1.0	8BD
6DN7	S	TRI	DIS	T9	VDO	RCO	GE	H	900	350	1.0	250	8	25	22	9000	2.2	0.7	8BD
6DQ5	S	BEA	SIN	T12	PA	RCO	RC	H	2500	900	24.0	175	110	105		5500	23.0	1.0	8JC
6DQ6A	S	BEA	SIN	T12	HDA	RCO	HY	H	1200	700	15.0	250	75	66		20K	15.0	7.0	6AM
6DR7	S	TRI	DIS	T6	VDA	RCO	SY	H	900	275	7.0	150	35	65	6	925	5.5	1.0	9HF
6DR7	S	TRI	DIS	T6	VDO	SCO	SY	H	900	330	1.0	250	1	16	68	40K	2.2	0.34	9HF
6DS5	S	BEA	SIN	T5	PA	RCO	RC	H	800	250	8.0	250	32	58		28K	9.5	6.3	7BZ
6DT5	S	BEA	SIN	T6	VDA	RCO	WH	H	1200	315	9.0	250	38	62		150K	12.5	4.9	9HN
6DT6	S	PND	SIN	T5	DET	SCO	RC	H	300	330	1.7	150	1	8			5.8		7EN

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
6DT8	S	TRI	TWN	T6	RFA	SRC	RC	H	300	300	225	2.5	250	10	55	60	ohms	μμf	μμf	9AJ	
6DW5	S	BEA	SIN	T6	PA	RCO	SY	H	6.3	1200	330	11.0	200	55	55		11K	2.7	1.6	9CK	
6DY7		BEA	TWN	T12	PA	RCO	SY	H	6.3	1200	400	15.0	250	50	60		15K	14.0	9.0	8JP	
6DZ7		PND	TWN	T12	PA	SRC	GE	H	6.3	1520	440	13.2	250	48	113		28K			8JP	
6DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	6.3	900	150	0.8	120	800U	14	100		38K	11.0	5.0	9EX
6DZ8	S	PND	TRI	T6	PA		SO	H	6.3	900	150	6.5	145	45	75						9EX
6E5	S	TRI	DIS	T9	IND	RCO	RC	H	6.3	300	250	3.2	250	240U	10	80					6R
6EA5	S	TET	SIN	T5	VHF	SCO	PL	H	6.3	200	250	10.0	175	48	65	5	150K	3.8	2.3	7EW	
6EA7		TRI	DIS	T9	VDA	RCO	GE	H	6.3	1050	550	10.0	175	48	65	5	770	6.0	1.3	8BD	
6EA7		TRI	DIS	T9	VDO	SCO	GE	H	6.3	1050	350	1.0	250	2	19	65	34K	2.2	0.6	8BD	
6E8	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	330	3.0	150	18	85	40	5000	3.0	0.3	9AE	
6E8B	S	PND	TRI	T6	MIX	SRC	GE	H	6.3	450	330	3.1	125	12	64		80K	5.0	2.6	9AE	
6EB5		DIO	TWN	T5	REC	VAC	PL	H	6.3	300	550	40		6						6BT	
6EB8		TRI	PND	T6	VA	SCO	SY	H	6.3	750	330	1.0	250	2	27	100	37K	2.4	0.36	9DX	
6EB8		PND	TRI	T6	VHF	SRC	SY	H	6.3	750	330	5.0	200	25	125		75K	11.0	4.2	9DX	
6EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	6.3	900	250	10.0	250	50	50			11.5	9.0	7S	
6EH5	S	PND	SIN	T5	PA	SCO	RC	H	6.3	1200	135	5.0	110	42	146		11K	17.0	9.0	7CV	
6EH8	S	TRI	PND	T6	OSC	SRC	SY	H	6.3	450	300	2.5	125	14	75	40		2.8	1.7	9JG	
6EH8	S	PND	TRI	T6	MIX	SRC	SY	H	6.3	450	300	2.8	125	12	60		170K	4.8	2.4	9JG	
6EM5	S	BEA	SIN	T6	PA	RCO	RC	H	6.3	800	315	10.0	250	35	51		10.0	5.1	9HN		
6EM7	S	TRI	DIS	T9	VDA		SY	H	6.3	900	330	10.0	150	50	72	5	750	7.0	1.8	8BD	
6EM7	S	TRI	DIS	T9	VDO		SY	H	6.3	900	330	1.5	250	1	16	68	40K	2.2	0.6	8BD	
6ER5		TET	SIN	T5	VHF	SCO	AM	H	6.3	180	250	2.2	200	10	105		8000	4.4	3.0	7FN	
6EV5		TET	SIN	T5	VHF	SCO	WH	H	6.3	200	275	3.2	250	12	88		150K	4.5	2.9	7EW	
6EW6	S	PND	SIN	T5	IFA	SCO	GE	H	6.3	400	330	3.1	125	11	140		200K	10.0	2.4	7CM	
6EX6	S	BEA	SIN	T12	HDA	RCO	RA	H	6.3	2250	770	22.0	175	67	77		8500	22.0	8.5	5BT	
6EY6	S	BEA	SIN	T9	VDA	RCO	GE	H	6.3	680	350	11.0	250	44	44		60K	8.5	7.0	7S	
6EZ5		BEA	SIN	T9	VDA	RCO	GE	H	6.3	800	350	12.0	250	43	41		50K	9.0	7.0	7AC	
6F6GT	S	PND	SIN	T9	PA	RCO	RC	H	6.3	700	375	11.0	250	36	25		80K			7S	
6FH6		BEA	SIN	T12	HDA	RCO	SY	H	6.3	1200	770	17.0	250	75	60		12K	33.0	8.0	6AM	
6FM8		DWD	TRI	T6	DET	VAC	GE	H	6.3	450	5	1.1	250	1	12	70	58K	1.5	0.16	9KR	
6FM8		TRI	DWD	T6	AFA	SCO	GE	H	6.3	450	330	2.0	125	10	80		100K	4.5	3.0	9KR	
6FV6	S	TET	SIN	T5	VHF	SCO	RC	H	6.3	200	275	2.0	125	14	80	40	5000	2.8	1.5	7FQ	
6FV8		TRI	PND	T6	VDO	SRC	SY	H	6.3	450	330	2.0	125	14	80		200K	5.0	2.0	9FA	
6FV8		PND	TRI	T6	IFA	SRC	SY	H	6.3	450	330	2.3	125	12	65					9FA	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
6FW8	S	TRI	TWN	T6	CA	SRC	RC	H	V	MO	V	MO	W	V	MO	$\mu mhos$	33	2600	$\mu\mu f$	9AJ	
6GH8	S	TRI	PND	T6	VA	SRC	GE	H	6.3	400	400		2.5	125	15	125	46	2.4	3.4	9AE	
6GH8	S	PND	TRI	T6	OSC	SRC	GE	H	6.3	450	330	20	2.5	125	14	85	5400	0.3	3.4	9AE	
6GK6	S	PND	SIN	T5	PA	RCO	HY	H	6.3	450	350	65	13.2	250	12	75	200K	2.6	5.5	9GK	
6GN8	S	TRI	PND	T6	VA	SCO	SY	H	6.3	760	330		1.0	250	48	113	38K	7.0	10.0	9DX	
6GN8	S	PND	TRI	T6	VHF	SRC	SY	H	6.3	750	330		5.0	200	2	27	100	0.36	2.4	9DX	
6H6GT	S	DIO	TWN	T9	REC	VAC	HY	H	6.3	750	420	48	2.2	117	25	115	60K	4.2	11.0	9DX	
6J4WA	S*	TRI	SIN	T5	UHF	SCO	RC	H	6.3	400	150	20	2.2	150	15	120	55			7Q	
6J5WGT	S	TRI	SIN	T9	GEN	RCO	HY	H	6.3	300	330	20	2.8	250	9	26	20			78Q	
6J6	S	TRI	TWN	T5	RFA	SCO	RC	H	6.3	450	300	15	1.5	100	8	53	38	2.2	0.4	6Q	
6J7GT	S	PND	SIN	T9	VA	SCO	HY	H	6.3	300	300		0.8	250	2	12	1M	4.6	12.0	7R	
6K6GT	S	BEA	SIN	T9	PA	RCO	HY	H	6.3	450	315		8.5	250	33	23	90K	3.5	6.0	7S	
6K7GT	S	PND	SIN	T9	VA	RCO	HY	H	6.3	300	300		2.8	250	10	16	600K	4.6	12.0	7R	
6L6GB	S*	BEA	SIN	T12	PA	RCO	SY	H	6.3	900	360		19.0	350	66	52	33K	11.5	9.5	7S	
6M3	S	DIO	SIN	T12	DA	VAC	PL	H	6.3	3000	6K	1000	8.0		320					8GV	
6S4A	S	TRI	SIN	T6	VA	RCO	RC	H	6.3	600	500	105	7.5	250	26	45	16	4.2	0.9	9AC	
6SA7GT	S	PTG	SIN	T9	CON	TS	CH	H	6.3	300	300	14	1.0	250	4	13	70	8.0	1.0	8AD	
6SC7	S	TRI	TWN	MT8	AFA	SCO	RC	H	6.3	300	250		4.0	250	2	36	53K	2.0	3.0	8S	
6SD7GT	S	PND	SIN	T9	RFA	SRC	TS	H	6.3	300	300			250	6		1M	9.0	7.5	8N	
6SF7	S	DIO	PND	MT8	DET	VAC	RC	H	6.3	300					1					7AZ	
6SF7	S	PND	DIO	MT8	AFA	RCO	RC	H	6.3	300	300		3.5	250	12	20		5.5	6.0	7AZ	
6SG7	S	PND	SIN	MT8	IFA	RCO	RC	H	6.3	300	300		3.0	250	12	47	700K	8.5	7.0	8BK	
6SH7GT	S	PND	SIN	T9	RFA	SCO	TS	H	6.3	300	300		3.0	250	11	49	900K	8.5	7.0	8BK	
6SJ7WGT	S*	PND	SIN	MT8	RFA	SRC	RC	H	6.3	300	300		2.5	250	3	16	1M	6.0	7.0	8N	
6SK7WA	S*	PND	SIN	MT8	RFA	RCO	RC	H	6.3	300	330		3.3	250	9	20	800K	5.0	7.0	8N	
6SL7WGT	S*	TRI	TWN	T9	VA	SCO	RC	H	6.3	300	250		1.0	250	2	16	70			8BD	
6SN7GTB	S*	TRI	TWN	T9	GEN	RCO	RC	H	6.3	600	450	70	5.0	250	9	26	20	2.2	0.7	8BD	
6SQ7GT	S	DWD	TRI	T9	DET	VAC	HY	H	6.3	300					1					8Q	
6SQ7GT	S	TRI	DWD	T9	VA	SCO	HY	H	6.3	300	300		0.5	250	1	12	100	4.2	3.4	8Q	
6SU7GT	S	TRI	TWN	T9	RFA	SCO	TS	H	6.3	300	250		1.0	250	2	16	70			8BD	
6T4	S	TRI	SIN	T5	UHF	SRC	SY	H	6.3	225	200	30	3.5	80	18	70	13	2.9	0.25	7DK	
6T8	S	TRD	TRI	T6	DET	HIP	GE	H	6.3	450	300		1.0	250	5	12	70			9E	
6T9	S	TRI	TRD	T6	AFA	SCO	GE	H	6.3	450	300		1.0	250	1	12	70	1.6	1.1	9E	
6U5	S	TRI	DIS	T9	IND	RA	GE	H	6.3	300	285		1.0	250	240U	85	40			6R	
6U6A	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	300		2.7	150	18			2.5	0.4	9AE	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
6U8A	S	PND	TRI	T6	MIX	SRC	GE	H	ma	v	ma	w	v	ma	μmho	ohms	μμf	μμf	9AE	
6V3A	S	DIO	SIN	T6	DA	VAC	PL	H	450	300	800	2.8	250	10	52	400K	5.0	2.6	9BD	
6V6GT	S	BEA	SIN	T9	PA	RCO	HY	H	1750	6K		2.7	13	135					7S	
6V8	S	TRD	TRI	T6	DET	HIP	PL	H	450	315		12.0	250	47	41	50K	9.0	7.5	9AH	
6V8	S	TRI	TRD	T6	VA	SCO	PL	H	450	300		1.0	250	10	12	58K			9AH	
6W4GT	S	DIO	SIN	T9	DA	VAC	RC	H	1200	4K	750	3.5	13	125					4CG	
6W6GT	S	BEA	SIN	T9	PA	RCO	HY	H	600	300	180	10.0	200	47	80	28K	15.0	6.0	7S	
6X4WA	S*	DIO	TWN	T5	REC	VAC	TS	H	600	1K	230			70					5BS	
6X5WGT	S*	DIO	TWN	T9	REC	VAC	HY	H	600	1K	210			70					6S	
6X8A	S	TRI	PND	T6	OSC	SRC	GE	H	450	250		1.5	100	8	58	6900	2.0	0.5	9AK	
6X8A	S	PND	TRI	T6	MIX	SRC	GE	H	450	250		2.0	250	8	46	750K	4.3	0.7	9AK	
6Y6GA	S	BEA	SIN	T12	PA	RCO	SY	H	1250	200		12.5	200	66	71	18K	12.0	7.5	7S	
7A5	S	BEA	SIN	T9	PA	RCO	PL	H	750	125		5.5	110	41	58	14K			6AA	
7A6	S	DIO	TWN	T9	REC	VAC	PL	H	150	420	48	4.0	250	9	20	800K	5.5	7.0	7AJ	
7A7	S	PND	SIN	T9	RFA	RCO	PL	H	300	300									8V	
7A8	S	OCT	SIN	T9	CON	RCO	PL	H	150	300	13	1.0	250	3	60	700K	3.8	9.0	8U	
7AK7	S	PND	SIN	T9	GA	RCO	SY	H	800	200		8.5	150	40		12K	12.0	9.1	8V	
7AU7	S	TRI	TWN	T6	AFA	RCO	GE	H	300	300	60	2.8	250	10	22	7700	1.6	0.4	9A	
7B5	S	PND	SIN	T9	PA	RCO	RA	H	400	315		8.5	250	33	23	90K	5.5	6.0	6AE	
7B7	S	PND	SIN	T9	RFA	RCO	PL	H	150	300		2.2	250	8	18	750K	5.0	6.0	8V	
7B8	S	PTG	SIN	T9	CON	RCO	RA	H	300	300	14	1.0	250	4		360K	5.0	9.0	8X	
7C5	S	BEA	SIN	T9	PA	RCO	RA	H	450	315		12.0	250	47	41	52K			6AA	
7C7	S	PND	SIN	T9	VA	SCO	SY	H	150	300		1.0	250	2	13	2M	5.5	6.5	8V	
7EY6	S	BEA	SIN	T9	VDA	RCO	GE	H	600	350	180	11.0	250	44	44	60K	8.5	7.0	7S	
7F8W	#	TRI	TWN	T9	RFA	SRC	SY	H	300	300		3.2	250	10	52		2.8	1.7	8BW	
7K7	S	DWD	TRI	T9	DET	VAC	RA	H	300	300		1.0	250	2	16	44K	2.4	2.0	8BF	
7K7	S	TRI	DWD	T9	VA	SCO	RA	H	300	300	210								8BF	
7Y4	S	DIO	TWN	T9	REC	VAC	PL	H	500	1K	300	325	70	70					5AB	
7Z4	S	DIO	TWN	T9	REC	VAC	SY	H	900	1K		325		100					5AB	
8AU8	S	TRI	PND	T6	GEN	SCO	SY	H	450	300		2.5	150	9	49	8200	2.6	0.34	9DX	
8AU8	S	PND	TRI	T6	GEN	SRC	SY	H	450	300		3.0	200	15	70	150K	7.5	3.4	9DX	
8AW8A	S	TRI	PND	T6	VA	SCO	SY	H	450	300		1.0	200	4	40	18K	3.2	0.32	9DX	
8AW8A	S	PND	TRI	T6	VHF	SRC	SY	H	450	300		3.2	200	13	90	400K	10.0	3.6	9DX	
8BA8A	S	TRI	PND	T6	VHF	SRC	RA	H	450	300		2.0	200	8	27	6700	2.5	0.4	9DX	
8BA8A	S	PND	TRI	T6	VHF	SRC	RA	H	450	300		3.2	200	13	90	400K	10.0	3.6	9DX	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
8BH8	S	TRI	PND	T6	GEN	SRC	GE	H	V	ma	V	W	V	ma	μmho	ohms	μμf	μμf	9DX	
8BH8	S	PND	TRI	T6	GEN	SRC	GE	H	8.4	450	300	2.5	150	10	33	17	5150	2.6	0.38	9DX
8BN8	S	DWD	TRI	T6	DET	VAC	SY	H	8.4	450	300	3.0	200	15	70	2.4	150K	7.0	2.4	9ER
8BN8	S	TRI	DWD	T6	VHF	SCO	SY	H	8.4	450	300	1.5	250	2	25	70	28K	3.6	0.32	9ER
8BQ5	S	BEA	SIN	T6	PA	SRC	AM	H	8.0	600	300	12.0	250	50	113	70	38K	10.8	6.5	9CV
8CG7	S	TRI	TWN	T6	GEN	RCO	GE	H	8.4	450	300	3.5	250	9	26	20	7700	2.3	2.2	J
8CM7	S	TRI	DIS	T6	VDA	RCO	GE	H	8.4	450	500	5.5	250	20	44	18	4100	3.5	0.4	9ES
8CM7	S	TRI	DIS	T6	VDO	SRC	GE	H	8.4	450	500	1.2	200	5	20	21	10K	2.0	0.5	9ES
8CN7	S	DWD	TRI	T6	DET	VAC	GE	H	8.4	225	300			5						9EN
8CN7	S	TRI	DWD	T6	VA	SCO	GE	H	8.4	225	300	1.0	250	1	12	70	58K	1.5	0.5	9EN
8CS7	S	TRI	DIS	T6	VDA	RCO	SY	H	8.4	450	500	6.5	250	19	45	16	3450	3.0	0.5	9EF
8CS7	S	TRI	DIS	T6	VDO	RCO	SY	H	8.4	450	500	1.2	250	10	22	17	7700	1.8	0.5	9EF
8CX8	S	TRI	PND	T6	GEN	SCO	GE	H	8.0	600	330	2.0	150	9	46	40	8700	2.2	0.38	9DX
8CX8	S	PND	TRI	T6	VHF	SRC	GE	H	8.0	600	330	5.0	200	24	100		70K	9.0	4.4	9DX
8CY7	S	TRI	DIS	T6	VDA	RCO	GE	H	7.9	600	350	5.5	150	30	54	5	920	5.0	1.0	9EF
8CY7	S	TRI	DIS	T6	VDO	SCO	GE	H	7.9	600	350	1.0	250	1	13	68	52K	1.5	0.3	9EF
8EB8	S	TRI	PND	T6	VA	SCO	SY	H	8.0	600	330	1.0	250	2	27	100	37K	2.4	0.36	9DX
8EB8	S	PND	TRI	T6	VHF	SRC	SY	H	8.0	600	330	5.0	200	25	125		75K	11.0	4.2	9DX
8EM5	S	BEA	SIN	T6	PA	RCO	RC	H	8.4	600	315	10.0	250	35	51			10.0	5.1	9HN
8GN8	S	TRI	PND	T6	VA	SCO	SY	H	8.0	600	330	1.0	250	2	27	100	37K			9DX
8GN8	S	PND	TRI	T6	VHF	SRC	SY	H	8.0	600	330	5.0	200	25	115		60K	11.0	4.2	9DX
8SN7GTB	S	TRI	TWN	T9	GEN	RCO	SY	H	8.4	450	450	5.0	250	9	26	20	7700	2.2	0.7	8BD
9AU7	S	TRI	TWN	T6	AFA	RCO	GE	H	9.4	225	300	2.8	250	10	22	17	7700	1.6	0.4	9A
9BR7	S	DWD	TRI	T6	DET	HIP	PL	H	9.4	300	300	5		17		60	11K	1.8	0.3	9CF
9BR7	S	TRI	DWD	T6	GEN	SRC	PL	H	9.4	300	300	2.5	250	10	40	60		2.6		9CF
9CL8	S	TRI	TET	T6	OSC	SRC	SY	H	9.5	300	300	2.7	125	15	80	40	5000	2.7	0.4	9FX
9CL8	S	TET	TRI	T6	MIX	SRC	SY	H	9.5	300	300	2.8	125	12	58		100K	5.0	2.0	9FX
9DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	9.0	600	150	0.8	120	8000	14	100				9EX
9DZ8	S	PND	TRI	T6	PA	SCO	RA	H	9.0	600	150	6.5	145	45	75					9EX
9EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	9.4	600	250	10.0	250	50	50			11.5	9.0	7S
9U8A	S	TRI	PND	T6	OSC	SRC	GE	H	9.4	300	300	2.7	150	18	85	40	5000	2.5	0.4	9AE
9U8A	S	PND	TRI	T6	MIX	SRC	GE	H	9.4	300	300	2.8	250	10	52		400K	5.0	2.6	9AE
9X8	S	TRI	PND	T6	OSC	SRC	SY	H	9.5	300	250	1.5	100	9	58	40	6900	2.0	0.5	9AK
9X8	S	PND	TRI	T6	MIX	SRC	SY	H	9.5	300	250	2.0	250	8	46		750K	4.3	0.7	9AK
10C8	S	TRI	PND	T6	GEN	SRC	GE	H	10.5	300	300	2.0	250	7	44	53	12K	2.4	0.2	9DA

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	ρ _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
10C8		PND	TRI T6	GEN	SCO	GE	H	10.5	300	300	55	2.2	135	12	80	190K	7.0	2.2	9DA	
10DA7		TRI DIS	T6	VDA	RCO	HY	H	10.5	600	500	40	6.0	150	40	57	6	1100	5.5	0.82	9EF
10DA7		TRI DIS	T6	VDO	SRC	HY	H	10.5	600	300	20	2.0	250	9	26	20	7700	2.0	0.42	9EF
10DE7	S	TRI DIS	T6	VDA	RCO	SY	H	9.7	600	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
10DE7	S	TRI DIS	T6	VDO	RCO	SY	H	9.7	600	330	77	1.5	250	6	20	18	8750	2.2	0.52	9HF
10DR7		TRI DIS	T6	VDA	RCO	SY	H	9.7	600	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
10DR7	S	TRI DIS	T6	VDO	SCO	SY	H	9.7	600	330	70	1.0	250	1	16	68	40K	2.2	0.34	9HF
10EB8	S	TRI PND	T6	VA	SCO	SY	H	10.5	450	330	27	1.0	250	2	27	100	37K	2.4	0.36	9DX
10EB8	S	PND TRI	T6	VHF	SRC	SY	H	10.5	450	330	50	5.0	200	25	125	75K	11.0	4.2	9DX	
10EG7		TRI DIS	T9	VDA	RCO	SY	H	9.7	600	330	50	10.0	150	45	75	6	800	7.0	1.6	88D
10EG7		TRI DIS	T9	VDO	RCO	SY	H	9.7	600	330	22	1.5	250	6	20	18	8750	2.2	0.6	88D
11C5		BEA SIN	T5	PA	RCO	SY	H	11.6	450	135	41	4.5	110	41	58	13K	12.0	6.2	7CV	
11CY7	S	TRI DIS	T6	VDA	RCO	SY	H	11.0	450	350	120	5.5	150	30	54	5	920	5.0	1.0	9EF
11CY7	S	TRI DIS	T6	VDO	SCO	SY	H	11.0	450	350	1	1.0	250	1	13	68	52K	1.5	0.3	9EF
12A4		TRI SIN	T6	VDA	RCO	HY	H	12.6	300	450	105	5.9	250	23	80	20	2500	4.9	0.9	9AG
12AB5	S	BEA SIN	T6	PA	RCO	TS	H	12.6	200	315	12.0	250	47	41	50K	8.0	8.5	8.5	9EU	
12AC6	S	PND SIN	T5	RFA	SCO	TS	H	12.6	150	30	20	13	550U	7	500K	4.3	5.0	5.0	7BK	
12AD6	S	PTG SIN	T5	CON	TS	TS	H	12.6	150	30	20	1.0	250	1	16	100	5.5	8.0	7CH	
12AD7	S	TRI TWN	T6	AFA	SCO	SY	H	12.6	225	300	1	1.0	250	1	16	100	62K	1.6	0.5	9A
12AE6A	S	DWD TRI	T5	DET	VAC	TS	H	12.6	150	150				1						7BT
12AE6A	S	TRI DWD	T5	AFA	SCO	RA	H	12.6	150	30	20	13	13	1	13	17	13K	1.8	1.1	7DT
12AE7		TRI DIS	T6	AFD	PL	PL	H	12.6	450	16		1.0	13	8	65	6	985	4.2	0.85	9A
12AE7		TRI DIS	T6	AFD	PL	PL	H	12.6	450	16		1.0	13	2	40	13	3150	4.7	0.75	9A
12AF3	S	DIO SIN	T6	DA	VAC	TS	H	12.6	600	4K	750	6.0	20	185	12		300K	5.5	6.0	9CB
12AF6	S	PND SIN	T5	RFA	SCO	GE	H	12.6	150	16		13	750U	12				4.8	4.8	7BK
12AG6	S	PTG SIN	T5	CON	TS	TS	H	12.6	150	16		13	350U			16	8400	5.5	7.5	7CH
12AH7GT		TRI TWN	T9	AFA	SRC	GE	H	12.6	150	180		1.5	180	8	19					8BE
12AJ6		DWD TRI	T5	DET	VAC	TS	H	12.6	150	30	20		13	1	12	55	45K	2.2	0.8	7BT
12AJ6		TRI DWD	T5	AFA	SCO	TS	H	12.6	150	30	20		13	750U						7BT
12AL5	S	DIO TWN	T5	DET	HIP	HY	H	12.6	150	330	54		117	9				2.5	2.5	6BT
12AL8		TRI TET	T6	DET	SCO	TS	H	12.6	550	30	20	13	13	500U	10	13	13K	1.8	0.4	9GS
12AL8		TET TRI	T6	PA	SRC	TS	H	12.6	550	30		13	13	40	150	7	480	13.0	1.6	9GS
12AO5	S	BEA SIN	T5	PA	RCO	RC	H	12.6	225	250		12.0	250	47	41		52K	8.0	8.5	7BZ
12AS5	S	BEA SIN	T5	PA	RCO	RA	H	12.6	400	150		5.5	150	36	56			12.0	6.2	7CV
12AT6	S	DWD TRI	T5	DET	VAC	RC	H	12.6	150	150				1						7BT

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.	
							REG. K	E _f										IN	OUT		
12AT6	S	TRI	DWD	T5	VA	SCO	RC	H	V	12.6	150	300	0.5	250	1	12	70	58K	2.2	0.8	7BT
12AT7WA	S*	TRI	TWN	T6	RFA	SRC	GE	H	12.6	150	300	2.5	250	10	55	60	11K	2.2	0.5	9A	
12AU6	S	PND	SIN	T5	IFA	SCO	TS	H	12.6	150	300	3.0	250	8	45	2M	5.5	5.0	7BK		
12AU7A	S	TRI	TWN	T6	AFA	RCO	PL	H	12.6	150	300	2.8	250	10	22	17	7700	1.6	0.4	9A	
12AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	12.6	600	550	11.0	250	57	59	14K	14.0	7.0	6CK		
12AV6	S	DWD	TRI	T5	DET	VAC	RC	H	12.6	150										7BT	
12AV6	S	TRI	DWD	T5	VA	SCO	RC	H	12.6	150	330	0.6	250	1	16	100	62K	2.2	0.8	7BT	
12AV7	S	TRI	TWN	T6	RFA	SRC	PL	H	12.6	225	300	27.1	50	18	85	414	800	31.	05.	9A	
12AW6	S	PND	SIN	T5	VA	SCO	RC	H	12.6	150	300	2.0	250	7	50		800K	6.5	1.5	7CM	
12AX4GT	S	DIO	SIN	T9	DA	VAC	GE	H	12.6	600	4K	4.8	21	125					5.0		4CG
12AX7	S	TRI	TWN	T6	VA	SCO	RC	H	12.6	150	330	1.2	250	1	16	100	62K	1.6	0.46	9A	
12AY7	S	TRI	TWN	T6	AFA	SCO	GE	H	12.6	150	300	1.5	250	3	18	44	25K	1.3	0.6	9A	
12AZ7	S	TRI	TWN	T6	OSC	SRC	PL	H	12.6	225	300	2.5	250	10	55	60	11K	3.1	0.5	9A	
12B3	S	DIO	SIN	T6	DA	VAC	WH	H	12.6	600	4K		22	150					5.3	98D	
12B4A	S	TRI	SIN	T6	VDA	RCO	GE	H	12.6	300	550	5.5	150	34	63	6	1030	5.0	1.5	9AG	
12BA6	S	PND	SIN	T5	RFA	RCO	RC	H	12.6	150	300	3.0	250	11	44		1M	5.5	5.0	7BK	
12BA7	S	PTG	SIN	T6	CON	RCO	RA	H	12.6	150	300	2.0	250	4			1M	6.7	8.3	8CT	
12BD6	S	PND	SIN	T5	IFA	RCO	RA	H	12.6	150	300	3.0	250	9	20		800K	4.3	5.0	7BK	
12BE6	S	PTG	SIN	T5	CON	RCO	RA	H	12.6	150	300	1.0	250	3			1M	5.5	8.0	7CH	
12BF6	S	DWD	TRI	T5	DET	VAC	TS	H	12.6	150				1						7BT	
12BF6	S	TRI	DWD	T5	VA	RCO	TS	H	12.6	150	300	2.5	250	10	19	16	8500	1.8	0.7	7BT	
12BH7A	S	TRI	TWN	T6	VDA	SRC	HY	H	12.6	300	500	3.5	250	12	31	17	5300	3.3	0.8	9A	
12BK5	S	BEA	SIN	T6	PA	SRC	GE	H	12.6	600	250	9.0	250	37	85		100K	13.0	5.0	98Q	
12BK6	S	DWD	TRI	T5	REC	HIP	SY	H	12.6	150				1						7BT	
12BK6	S	TRI	DWD	T5	VA	SCO	SY	H	12.6	150	300		250	1	16	100	62K			7BT	
12BL6	S	PND	SIN	T5	RFA	SCO	TS	H	12.6	150	30		13	1	14		500K	5.5	4.8	7BK	
12BN6	S	GTB	SIN	T5	DIS	GE	HY	H	12.6	150	300		121	440U				4.2		7DF	
12BQ6GT	S	BEA	SIN	T9	HDA	RCO	SY	H	12.6	600	550	11.0	250	55	55		20K	15.0	7.5	6AM	
12BR7A	S	DWD	TRI	T6	DET	HIP	PL	H	12.6	225	300		5	17				1.8		9CF	
12BR7A	S	TRI	DWD	T6	GEN	SCO	PL	H	12.6	225	300	2.5	250	10	40	60	11K	2.6	0.3	9CF	
12BV7	S	PND	SIN	T6	VHF	SRC	PL	H	12.6	300	300	6.2	250	27	130		85K	11.0	3.0	98F	
12BW4	S	DIO	TWN	T6	REC	VAC	SY	H	12.6	450	1K		325	100						9DJ	
12BY7A	S	PND	SIN	T6	VHF	SRC	GE	H	12.6	300	300	6.5	250	26	110		93K	10.2	3.5	98F	
12BZ6	S	PND	SIN	T5	IFA	RCO	SY	H	12.6	150	330	2.3	125	14	80		260K	7.0	2.0	7CM	
12BZ7	S	TRI	TWN	T6	VHF	SCO	HY	H	12.6	300	300	1.5	250	2	32	100	32K	6.5	0.7	9A	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		MAX E _b E _{on} E _{px}	I _f	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K									IN	OUT	
12C5	S	BEA	SIN	T5	PA	RCO	WH	H	V	12.6	600	135	ma	5.5	110	50	75	μmhf	7CV
12C8		DWD	PND	MT8	DET	VAC	RC	H	12.6	150							13.0	9.0	8E
12C8		PND	DWD	MT8	AFA	SRC	RC	H	12.6	150							6.0	9.0	8E
12CA5	S	BEA	SIN	T5	PA	SRC	GE	H	12.6	600	130						15.0	9.0	7CV
12CM6	S	BEA	SIN	T6	PA	RCO	SY	H	12.6	225	315						8.0	8.5	9CK
12CN5		PND	SIN	T5	IFA	SCO	RA	H	12.6	450	16								7CV
12CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	12.6	600	600						12.9	6.9	9HC
12CR6	S	DIO	PND	T5	DET	VAC	TS	H	12.6	150									7EA
12CR6	S	PND	DIO	T5	AFA	RCO	TS	H	12.6	150	300								7EA
12CS5	S	BEA	SIN	T6	PA	RCO	HY	H	12.6	600	300						15.0	9.0	9GR
12CS6	S	PTG	SIN	T5	GA	SCO	HY	H	12.6	150	300						5.5	7.5	7CH
12CT8		TRI	PND	T6	VHF	SCO	GE	H	12.6	300	300						2.4	0.19	9DA
12CT8		PND	TRI	T6	VHF	SRC	GE	H	12.6	300	300						7.5	2.4	9DA
12CU5	S	BEA	SIN	T5	PA	RCO	RC	H	12.6	600	135						10K	8.5	7CV
12CU6	S	BEA	SIN	T11	HDA	RCO	SY	H	12.6	600	600						14K	7.0	6AM
12CX6		PND	SIN	T5	RFA	SCO	SY	H	12.6	150	33						7.6	6.2	7BK
12CY6		PND	SIN	T5	RFA	SCO	SY	H	12.6	200	33						8.5	4.0	7BK
12D4	S	DIO	SIN	T9	DA	VAC	WH	H	12.6	600	4K								4CG
12DB5		BEA	SIN	T6	VDA	RCO	HY	H	12.6	600	300						15.0	9.0	9GR
12DE8		DIO	PND	T6	DET	VAC	TS	H	12.6	200							3.7	5.7	9HG
12DE8		PND	DIO	T6	RFA	SCO	TS	H	12.6	200	30						5.5	5.7	9HG
12DF5		DIO	TWN	T6	REC	VAC	SY	H	12.6	450	1K								9BS
12DF7	S	TRI	TWN	T6	VA	SCO	WH	H	12.6	150	300						1.6	0.4	9A
12DK5		PND	SIN	T6	IFA	SCO	WH	H	12.6	300	16						9.5	2.65	9GT
12DK7		DWD	TET	T6	DET	VAC	RA	H	12.6	500									9HZ
12DK7		TET	DWD	T6	PA		RA	H	12.6	500	30								9HZ
12DL8		DWD	TET	T6	DET	VAC	TS	H	12.6	550							1.6	1.6	9HR
12DL8		TET	DWD	T6	PA	SRC	TS	H	12.6	550	30						12.0	1.3	9HR
12DM5		BEA	SIN	T5	PA	RCO	HY	H	12.6	450	135						13.0	9.0	7CV
12DM7	S	TRI	TWN	T6	AFA	SCO	HY	H	12.6	130	330						1.6	0.46	9A
12DQ6A	S	BEA	SIN	T12	HDA	RCO	RC	H	12.6	600	700						15.0	7.0	6AM
12DQ7		PND	SIN	T6	VHF	SRC	GE	H	12.6	300	330						10.0	3.8	9BF
12DS7A		DWD	TET	T6	DET	VAC	RC	H	12.6	400									9JU
12DS7A		TET	DWD	T6	DR	HIP	RC	H	12.6	400	16						12.7	2.2	9JU
12DT5	S	BEA	SIN	T6	VDA	RCO	WH	H	12.6	600	315						12.5	4.9	9HN

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E _f	I _f	MAX E _b E _{on} E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																		IN	OUT	
12D17	S	TRI	TWN	T6	AFA	SCO	RA	H	12.6	150	300	1.0	250	1	16	100	ohms	$\mu\mu\text{f}$	$\mu\mu\text{f}$	9A
12D18	S	TRI	TWN	T6	RFA	SRC	RC	H	12.6	150	300	2.5	250	10	55	60	62K	1.6	0.46	9AJ
12DU7		DWD	TET	T6	DET	VAC	SY	H	12.6	275							11K	2.7	1.6	9JX
12DU7		TET	DWD	T6	PA	SCO	SY	H	12.6	275	16		13	12	62		6000	11.0	3.6	9JX
12DV7		DWD	TRI	T6	DET	VAC	SY	H	12.6	150				1						9JY
12DV7		TRI	DWD	T6	AFA	SCO	SY	H	12.6	150	20		13	400U	8	14	19K	1.3	0.38	9JY
12DV8		DWD	TET	T6	DET	VAC	GE	H	12.6	375	5			3				1.7		9HR
12DV8		TET	DWD	T6	AFD	GE	H		375	16			13	9	85	8	900	9.0	1.0	9HR
12DW5	S	BEA	SIN	T6	PA	RCO	SY	H	12.6	600	22	11.0	200	55	55		15K	14.0	9.0	9CK
12DW7	S	TRI	DIS	T6	VA	RCO	SY	H	12.6	150	22	3.3	250	10	22	17	7700	1.7	0.40	9A
12DW7	S	TRI	DIS	T6	VA	SCO	SY	H	12.6	150	330	1.2	250	1	16	100	62K	1.6	0.44	9A
12DW8		DIO	DTR	T6	DET	VAC	PL	H	12.6	450		0.5		2	27	10				9JC
12DW8		TRI	DSO	T6	AFA	PL	H	12.6	450	16		0.5	13	8	65	6	1.6	0.7		9JC
12DW8		TRI	DSO	T6	AFD	PL	H	12.6	450	16		0.5	13	1	20	20	10K	2.0	0.38	9JC
12DY8		TRI	TET	T6	GEN	SCO	SY	H	12.6	350	16		13	1						9JD
12DY8		TET	TRI	T6	ONA	SRC	SY	H	12.6	350	16		13	14	60		5000	11.0	3.0	9JD
12DZ6		PND	SIN	T5	RFA	RCO	GE	H	12.6	190	16		13	5	36		30K	9.5	4.0	78K
12DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	12.0	450	5	0.8	120	800U	14	100				9EX
12DZ8	S	PND	TRI	T6	PA	SO	H	12.0	450	150	60	6.5	145	45	75					9EX
12EA6		PND	SIN	T5	IFA	SCO	GE	H	12.6	175	16		13	3	38		32K	11.0	4.0	78K
12EC8		TRI	PND	T6	OSC	SCO	SY	H	12.6	225	16		13	2	47	25	6000	2.6	0.4	9FA
12EC8		PND	TRI	T6	MIX	SCO	SY	H	12.6	225	16		13	660U	20		750K	4.6	2.6	9FA
12ED5		BEA	SIN	T5	PA	SRC	SY	H	12.6	450	150	6.2	125	37	85		14K	14.0	8.5	7CV
12EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	12.6	450	250	10.0	250	50	50			11.5	9.0	7S
12EG6	S	PTG	SIN	T5	RFA	SCO	TS	H	12.6	150	30		13	400U			150K	5.7	12.0	7CH
12EH5	S	PND	SIN	T5	PA	SCO	RC	H	12.6	600	135	5.0	110	42	146		11K	17.0	9.0	7CV
12EK6		PND	SIN	T5	RFA	SCO	SY	H	12.6	190	16		13	4	42		400K	10.0	5.5	78K
12EL6		DWD	TRI	T5	DET	VAC	SY	H	12.6	150				1						7FB
12EL6		TRI	DWD	T5	AFA	SCO	SY	H	12.6	150	20		13	750U	12	55	45K	2.2	1.0	7FB
12EM6		DIO	TET	T6	DET	VAC	RA	H	12.6	500	10			1						9HV
12EM6		TET	DIO	T6	PA					500	30	0.5	13	6	50		4000			9HV
12EN6	S	BEA	SIN	T9	PA	RCO	WH	H	12.6	600	300	7.0	200	50	80		28K	14.0	8.0	7S
12EZ6		PND	SIN	T5	RFA	SCO	TS	H	12.6	175	10		14	2	30		300K	7.8	5.5	78K
12F8		DWD	PND	T6	DET	VAC	TS	H	12.6	150				1						9FH
12F8		PND	DWD	T6	AFA	SCO	TS	H	12.6	150	30		13	1	10		330K	4.5	3.0	9FH

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CATH.		I _f	MAX E _b E _{max}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
						REC.	K										IN	OUT	
12FA6		PTG	SIN	T5	CON	TS	H	ma	v	ma	w	v	ma	μmho		ohms	μμf	μμf	7CH
12FK6		DWD	TRI	T5	DET	VAC	RC	150	30	20		13	450U			800K	7.2	12.0	7BT
12FK6		TRI	DWD	T5	AFA	SCO	RC	150	16	1		13		12	7	6200	1.8	0.7	7BT
12FM6		DWD	TRI	T5	DET	VAC	RA	150	30	20		13		13	10	7700	2.7	1.7	7DT
12FM6		TRI	DWD	T5	AFA	SCO	RA	150	30	20		13		13	10	7700	2.7	1.7	7DT
12FT6		DWD	TRI	T5	DET	VAC	HY	150	30	1		13	600U	10	14	13K	1.8	1.1	7BT
12FT6		TRI	DWD	T5	AFA	SCO	HY	150	30	20		13		14	10		2.2	0.48	7BT
12FX8		PTG	TRI	T6	CON	SCO	TS	300	16			13	290U	26	20	500K	6.0	5.0	9KV
12FX8		TRI	SIN	T5	GEN	RCO	SY	150	300		2.5	250	9	26	20	7700	2.4	0.9	9KV
12G4	S	TRI	SIN	T5	GEN	RCO	SY	150	300			13		26	20	7700	2.4	0.9	6BG
12G8		TRI	DIS	T6	DCA	RCO	GE	400	16	15		13		26	22	8500			9C2
12H4	S	TRI	SIN	T5	GEN	RCO	SY	150	300		2.5	250	9	26	20	7700	2.4	0.9	7DW
12H6GT	S	DIO	TWN	T9	REC	VAC	RC	150	420	48		117	8	26	20				7Q
12J5WGT	S	TRI	SIN	T9	GEN	RCO	GE	150	330	20	2.8	250	9	26	20	7700			6Q
12J8		DWD	TET	T6	DET	VAC	SY	325				13		5					9GC
12J8		TET	DWD	T6	PA	SCO	SY	325	30			13	12	55		6000	10.5	4.4	9GC
12K5		TET	SIN	T5	PA	SRC	TS	400	30			13	40	150	7	480			7FD
12K8GT		TRI	HEX	T9	OSC	HY	H	150	125		0.8	100	4				6.5	3.4	8K
12K8GT		HEX	TRI	T9	MIX	RCO	HY	150	300		0.8	250	2	80		600K	4.6	4.8	8K
12L6GT	S	BEA	SIN	T9	PA	RCO	GE	600	200		10.0	200	47	60		28K			7S
12R5	S	BEA	SIN	T5	VDA	RCO	SY	600	150	1.5	4.5	110	40	70		13K	13.0	9.0	7CV
12SA7GT	S	PTG	SIN	T9	CON	TS	H	150	300	14	1.0	250	4			1M	8.0	1.0	8AD
12SC7	S	TRI	TWN	MT8	AFA	SCO	RC	150	250			250	2	13	70	53K	2.0	3.0	8S
12SF7	S	DIO	PND	MT8	DET	VAC	RC	150			3.5	250	1	20		700K	5.5	6.0	7AZ
12SF7	S	PND	DIO	MT8	AFA	RCO	RC	150	300			250	12	20					7AZ
12SG7	S	PND	SIN	MT8	IFA	RCO	RC	150	300		3.0	250	12	47		900K	8.5	7.0	8BK
12SH7	S	PND	SIN	MT8	KFA	SCO	RC	150	300		3.0	250	11	49		900K	8.5	7.0	8BK
12SJ7GT	S	PND	SIN	T9	RFA	RCO	HY	150	300		2.5	250	3	16		1M	6.0	7.0	8N
12SK7GT	S	PND	SIN	T9	RFA	RCO	HY	150	300		4.0	250	9	20		800K	6.5	7.5	8N
12SL7GT	S	TRI	TWN	T9	VA	SCO	RC	150	300		1.0	250	2	16	70	44K			8BD
12SH7GTA	S	TRI	TWN	T9	GEN	RCO	GE	300	450	70	5.0	250	9	26	20	7700	2.2	0.7	8BD
12SQ7GT	S	DWD	TRI	T9	DET	VAC	HY	150	300		0.5	250	1	12	100	85K	4.2	3.4	8Q
12SQ7GT	S	TRI	DWD	T9	VA	SCO	HY	150	300			13	1	16	20	12K	1.6	0.4	9A
12U7		TRI	TWN	T6	GEN	SCO	TS	150	30	15	12.0	250	47	41		50K	9.0	7.5	7S
12V6GT	S	BEA	SIN	T9	PA	RCO	TS	225	315										7S

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{pa}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
12W6GT	S	BEA	SIN	T9	PA	RCO	GE	H	V	12.6	MA	180	10.0	V	200	47	ohms	15.0	9.0	7S
12X4	S	DIO	TWN	T5	REC	VAC	TS	H	600	300	1K	230	325	70	80					5BS
12Z3	S	DIO	SIN	S12	REC	VAC	SY	H	300	1K	330	330	235	55	70					4G
13DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	450	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
13DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	450	330	77	1.5	250	6	20	18	8750	2.2	0.52	9HF
13DR7	S	TRI	DIS	T6	VDA	RCO	SY	H	450	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
13DR7	S	TRI	DIS	T6	VDO	SCO	SY	H	450	330	70	1.0	250	1	16	68	40K	2.2	0.34	9HF
14F7	S	TRI	TWN	T9	VA	SCO	SY	H	150	300	14	1.0	250	2	16	70	44K	2.4	2.0	8AC
14Q7	S	PTG	SIN	T9	CON	SY	SY	H	150	300	14	1.0	250	4	16	70	1M	7.0	9.0	8AL
14R7	S	DWD	PND	T9	DET	VAC	SY	H	150	300	14	1.0	250	4	16	70	1M	7.0	9.0	8AE
14R7	S	PND	DWD	T9	VA	RCO	SY	H	150	250	70	2.0	250	6	32	20	1M	5.6	5.3	8AE
15A8	S	TRI	PND	T9	VDO	SRC	SY	H	600	300	140	7.5	110	45	73	20	7700	2.6	0.9	8GS
15A8	S	PND	TRI	T9	VDA	RCO	SY	H	600	300	140	7.5	110	45	73	20	13K	11.0	5.0	8GS
17AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	450	550	400	11.0	250	57	59	14K	14K	14.0	7.0	6CK
17AX4GT	S	DIO	SIN	T9	DA	VAC	GE	H	450	4K	750	4.8	21	125	125	750	4.8	5.0	4CG	
17BQ6GTB	S	BEA	SIN	T9	HDA	RCO	SY	H	450	550	400	11.0	250	55	55	20K	20K	15.0	7.5	6AM
17C5	S	BEA	SIN	T5	PA	RCO	GE	H	450	135	450	5.5	110	50	75	10K	10K	13.0	9.0	7CV
17CA5	S	BEA	SIN	T5	PA	SRC	SY	H	450	130	450	5.0	125	37	92	15K	15K	15.0	9.0	7CV
17CU5	S	BEA	SIN	T5	PA	RCO	WH	H	450	135	450	6.0	120	50	75	10K	10K	13.0	8.5	7CV
17D4	S	DIO	SIN	T9	DA	VAC	WH	H	450	4K	900	5.5	15	155	155	10K	10K	13.0	8.5	4CG
17DE4	S	DIO	SIN	T9	DA	VAC	RC	H	600	5K	1100	6.5	15	175	175	20K	20K	15.0	7.0	4CG
17DQ6A	S	BEA	SIN	T12	HDA	RCO	GE	H	450	700	440	15.0	250	75	66	20K	20K	15.0	7.0	6AM
17H3	S	DIO	SIN	T6	DA	VAC	GE	H	300	2K	450	3.0	13	75	75	28K	28K	13.0	4.0	9FK
17L6GT	S	BEA	SIN	T9	PA	RCO	SY	H	450	200	155	10.0	200	47	80	13K	13K	13.0	9.0	7CV
17R5	S	BEA	SIN	T5	VDA	RCO	SY	H	450	150	155	4.5	110	40	70	27K	27K	13.0	7.0	6CK
18A5	S	BEA	SIN	T9	HDA	RCO	GE	H	300	350	310	9.0	200	40	48	100	100	13.0	7.0	9EX
18DZ8	S	TRI	PND	T5	AFA	SCO	SO	H	300	150	5	0.8	120	800U	14	100	77K	2.4	0.22	7BT
18DZ8	S	PND	TRI	T6	PA	SCO	SO	H	300	150	60	6.5	145	45	75	100	500K	6.0	5.0	7BK
18FW6	S	PND	SIN	T5	RFA	RCO	SY	H	100	150	1	2.5	100	11	44	250K	5.5	5.0	7BK	
18FX6	S	PTG	SIN	T5	CON	SRC	SY	H	100	150	1	1.0	100	2	2	400K	5.5	8.0	7CH	
18FY6	S	DWD	TRI	T5	DET	VAC	SY	H	100	150	1	0.5	100	600U	13	100	77K	2.4	0.22	7BT
18FY6	S	TRI	DWD	T5	RFA	SRC	SY	H	100	150	1	0.5	100	5	43	500K	6.0	5.0	7BK	
18GD6	S	PND	SIN	T5	RFA	SCO	SY	H	100	150	1	2.5	100	11	44	250K	5.5	5.0	7BK	
18GE6	S	DWD	TRI	T5	DET	VAC	SY	H	100	150	1	0.5	100	1	17	70	40K	2.4	0.2	7BT
18GE6	S	TRI	DWD	T5	RFA	SRC	SY	H	100	150	1	0.5	100	1	17	70	40K	2.4	0.2	7BT

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
19AU4GTA	S	DIO	SIN	T9	DA	HIP	TS	H	18.9	V	1050	6.0	15	175	60		25K	μμf	4CG	
19BG6G	S	BEA	SIN	S16	HDA	RCO	EH	H	18.9	18.9	400	20.0	250	75	60		25K	11.0	5BT	
19C8		TRD	TRI	T6	DET	HI	PL	H	18.9	18.9	150			6					9E	
19C8		TRI	TRD	T6	VA	SCO	PL	H	18.9	18.9	150	1.0	100	5000	12	100	80K		9E	
19CL8A	S	TRI	TET	T6	OSC	SRC	GE	H	18.9	18.9	150	2.5	125	14	80	40	5000	2.8	9FX	
19CL8A	S	TET	TRI	T6	MIX	SRC	GE	H	18.9	18.9	150	3.0	125	12	65		200K	5.0	9FX	
19DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	19.4	19.4	300	7.0	150	35	65	6	925	5.5	9HF	
19DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	19.4	19.4	300	1.5	250	6	20	18	8750	2.2	9HF	
19EA8	S	TRI	PND	T6	OSC	SRC	GE	H	18.9	18.9	150	3.0	150	18	85	40	5000	3.0	9AE	
19EA8	S	PND	TRI	T6	MIX	SRC	GE	H	18.9	18.9	150	3.1	125	12	64		80K	5.0	9AE	
19J6	S	TRI	TWN	T5	RFA	SCO	RC	H	18.9	18.9	150	1.5	100	8	53	38	7100	2.2	7BF	
19T8	S	TRD	TRI	T6	DET	HIP	GE	H	18.9	18.9	150			5	12	70	58K	1.6	9E	
19T8	S	TRI	TRD	T6	AVA	SCO	GE	H	18.9	18.9	150	1.0	250	1	12					9E
19V8	S	TRD	TRI	T6	DET	HIP	PL	H	18.9	18.9	150			10						9AH
19V8	S	TRI	TRD	T6	VA	SCO	PL	H	18.9	18.9	150	1.0	250	1	12	70	58K			9AH
19X8	S	TRI	PND	T6	OSC	SRC	RC	H	18.9	18.9	150	1.5	100	8	58	40	6900	2.0	0.5	9AK
19X8	S	PND	TRI	T6	MIX	SRC	RC	H	18.9	18.9	150	2.0	250	8	46		750K	4.3	0.7	9AK
21EX6	S	BEA	SIN	T12	HDA	RCO	RA	H	21.5	600	220	22.0	175	67	77		8500	22.0	8.5	5BT
22DE4	S	DIO	SIN	T9	DA	VAC	SY	H	22.4	450	1100	6.5		175			14K	14.0	7.0	4CG
25AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	25.0	300	400	11.0	250	57	59					6CK
25AX4GT	S	DIO	SIN	T9	DA	VAC	RA	H	25.0	300	750	4.8	21	125						4CG
25BK5	S	BEA	SIN	T6	PA	SRC	GE	H	25.0	300	250	9.0	250	37	85		100K	13.0	5.0	9BQ
25BQ6GT	S	BEA	SIN	T9	VDA	RCO	HY	H	25.0	300	400	11.0	250	55	55		20K	15.0	7.5	6AM
25C5	S	BEA	SIN	T5	PA	RCO	RA	H	25.0	300	135	5.5	110	50	75		10K	13.0	6.1	7CV
25C6GA	S	BEA	SIN	T12	PA	RCO	SY	H	25.0	300	200	12.5	135	66	71		18K			7S
25CA5	S	BEA	SIN	T5	PA	SRC	GE	H	25.0	300	130	5.0	125	37	92		15K	15.0	9.0	7CV
25CD6GA	S	BEA	SIN	T12	HDA	RCO	GE	H	25.0	600	700	20.0	175	75	77		7200	22.0	8.5	5BT
25CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	25.0	300	600	11.0	250	65	60		18K	12.9	6.9	9HC
25CU6	S	BEA	SIN	T12	HDA	RCO	SY	H	25.0	300	600	11.0	250	57	59		14K	15.0	7.0	6AM
25D4	S	DIO	SIN	T9	DA	VAC	SY	H	25.0	300	900	5.5	15	155						4CG
25DN6	S	BEA	SIN	T12	HDA	RCO	SY	H	25.0	600	700	15.0	125	70	90		4000	22.0	1.5	5BT
25DQ6A	S	BEA	SIN	T12	HDA	RCO	HY	H	25.0	300	700	15.0	250	75	66		20K	15.0	7.0	6AM
25DT5	S	BEA	SIN	T6	VDA	RCO	SY	H	25.0	300	315	9.0	250	38	62			12.5	4.9	9HN
25EC6	S	BEA	SIN	T12	HDA	RCO	GE	H	25.0	600	700	10.0	135	70	75		4700	24.0	10.0	5BT
25EH5	S	PND	SIN	T5	PA	SCO	RC	H	25.0	300	135	5.0	110	42	146		11K	17.0	9.0	7CV

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REC. K	E_f	I_f	MAX E_b on E_{fx}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																		IN	OUT	
25F5	S	BEA	SIN	T5	PA	RCO	SY	H	25.0	V	150	4.5	110	37	58		ohms	$\mu\mu f$	$\mu\mu f$	7CV
25L6GT	S	BEA	SIN	T9	PA	RCO	HY	H	25.0	V	300	10.0	200	47	80		16K	12.0	6.0	7S
25W4GT	S	DIO	SIN	T9	DA	VAC	GE	H	25.0	4K	750	3.5	13	125			28K			4CG
25W6GT	S	BEA	SIN	T9	PA	RCO	GE	H	25.0	300	180	10.0	200	47	80		28K	15.0	9.0	7S
25Z6GT	S	DIO	TWN	T9	REC	VAC	HY	H	25.0	300	700		117	75						7Q
26A6		PND	SIN	T5	RFA	RCO	RC	H	26.5	V	70	3.0	250	10	40		1M	6.0	5.0	78K
26A7GT		BEA	TWN	T9	PA	SRC	RC	H	26.5	50		2.0	26	20	57			16.0	13.0	88U
26BK6	S	DWD	TRI	T5	REC	HIP	TS	H	26.5	70										78T
26BK6	S	TRI	DWD	T5	VA	SCO	TS	H	26.5	70	300		250	1	16	100	62K			78T
26C6	S	DWD	TRI	T5	DET	VAC	RC	H	26.5	70										78T
26C6	S	TRI	DWD	T5	VA	SCO	RC	H	26.5	70	250	2.5	250	10	19	16	850K	1.8	1.4	78T
26C66		PND	SIN	T5	IFA	RCO	SY	H	26.5	70	300	4.0	250	9	20		720K	5.0	5.0	78K
26D6		PTG	SIN	T5	CON	RC	H	26.5	70	300	14	1.0	250	3			1M	5.8	14.0	7CH
26E6WG	#	BEA	SIN	T11	PA	RCO	TS	H	26.5	300	220	12.5	200	66	71		18K			7S
26Z5W	#	DIO	TWN	T6	REC	VAC	TS	H	26.5	200	1K		325	100						98S
28D7W	#	BEA	TWN	T9	PA	RCO	SY	H	28.0	400	100	3.0	28	12	34		420K	12.0	6.0	8BS
32E15		BEA	SIN	T5	PA	RCO	SY	H	32.0	100	150	5.4	110	30	55		22K			7CV
35A5		BEA	SIN	T9	PA	RCO	PL	H	35.0	150	200	8.5	200	44	60		40K			6AA
35B5	S	BEA	SIN	T5	PA	RCO	RC	H	35.0	150	117	4.5	110	41	58			11.0	6.5	78Z
35C5	S	BEA	SIN	T5	PA	RCO	RC	H	35.0	150	135	4.5	110	41	58		13K	12.0	9.0	7CV
35CD6GA	S	BEA	SIN	T12	HDA	RCO	SY	H	35.0	450	700	20.0	175	75	77		720K	22.0	8.5	58T
35D28	S	TRI	PND	T6	AFA	SCO	SO	H	35.0	150	150	0.8	120	800U	14	100				9EX
35D28	S	7ND	TRI	T6	PA	SCO	SO	H	35.0	150	150	6.5	145	45	75					9EX
35L6GT	S	BEA	SIN	T9	PA	RCO	TS	H	35.0	150	200	8.5	200	43	61		34K			7S
35W4		DIO	SIN	T5	REC	VAC	RC	H	35.0	150	330		117	100						58Q
35Y4		DIO	SIN	T9	REC	VAC	SY	H	35.0	150	700		235	100						5AL
35Z3		DIO	SIN	T9	REC	VAC	PL	H	35.0	150	700		235	100						4Z
35Z5GT		DIO	SIN	T9	REC	VAC	NU	H	35.0	150	700		235	100						6AD
36A13		DIO	SIN	T5	REC	VAC	SY	H	36.0	100	365		117	75						58Q
50A1		BAL	SIN	T6	REG	GAS	SY	F	50.0	54										9CM
50A5	S	BEA	SIN	T9	PA	RCO	SY	H	50.0	150	200	10.0	200	55	82		35K			6AA
50B5	S	BEA	SIN	T5	PA	RCO	RC	H	50.0	150	135	5.5	110	50	75		10K	13.0	6.5	78Z
50BK5	S	BEA	SIN	T6	PA	SRC	WH	H	50.0	150	250	9.0	250	37	85		100K	13.0	5.0	98Q
50C5	S	BLA	SIN	T5	PA	RCO	RC	H	50.0	150	135	5.5	110	50	75		10K	13.0	9.0	7CV
50C6GA	S	BEA	SIN	T12	PA	RCO	RA	H	50.0	300	200	12.5	135	66	71		18K			7S

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	$\frac{gm}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
50CA5	S	BEA	SIN	T5	PA	SRC		H	ma	v	ma	w	v	ma	ma		ohms	$\mu\mu f$	$\mu\mu f$	7CV
50DC4		DIO	SIN	T5	REC	VAC		H	150	130	720	5.0	125	37	92		15K	15.0	9.0	5BQ
50EH5	S	PND	SIN	T5	PA	SCO		H	150	330		5.0	117	110	146		11K	17.0	9.0	7CV
50FY8		TRI	BEA	T6	VA	SCO		H	150	135		1.0	110	42	27	46	17K			9EX
50FY8		BEA	TRI	T6	PA	SRC		H	150	150		10.0	125	70	75		5000			9EX
50L6GT	S	BEA	SIN	T9	PA	RCO		H	150	200		10.0	200	47	80		28K			7S
50X6	S	DIO	TWN	T9	REC	VAC		H	150	700	450		117	75	75					7AJ
50Y6GT	S	DIO	TWN	T9	REC	VAC		H	150	700	450		117	75	75					7Q
70L7GT		DIO	PND	T9	REC	VAC		H	150	350	420		117	70						8AA
70L7GT		PND	DIO	T9	PA	RCO		H	150	117		5.0	110	43	75		15K			8AA
117L7GT	S	DIO	PND	T9	REC	VAC		H	90	350	450		117	75						8AO
117L7GT	S	PND	DIO	T9	PA	RCO		H	90	117		6.0	105	43	53		17K			8AO
117Z3		DIO	SIN	T5	REC	VAC		H	40	330	540		117	90						4CB
117Z6GT		DIO	TWN	T9	REC	VAC		H	75	700	360		117	60						7Q
323B		TRI	SIN	S16	THY	GAS		F	7000	1K	6000		1K	1500						5AU
393A		TRI	SIN	S16	THY	GAS		F	7000	1K	6000		1K	1500						5AV
394A		TRI	SIN	S14	THY	GAS		F	3200	1K	2500		1K	640						4AW
407A	#	TRI	TWN	T6	GEN	SRC		H	50	330	18	1.6	150	8		35		2.2	1.0	
408A	S#	PND	SIN	T5	GEN	SRC		H	50	180	18	1.7	120	7			340K	3.9	2.85	7BD
CK502AX		PND	SIN	T3F	PA	SCO		F	30	45	1		45	450U			250K	2.7	5.7	FL
502A		TET	SIN	MT8	THY	GAS		H	600	1K	1000		650	100				2.5		6BS
CK510AX		TET	TWN	T3F	AFA	SCO		F	50	45			30	50U			600K	2.4	2.1	FL
CK512AX		PND	SIN	T3F	AFA	SCO		F	20	25	100U		15	50U			2M	2.3	1.5	FL
CK526AX		PND	SIN	T3F	PA	SCO		F	20	45	1		22	450U			220K			FL
CK527AX		PND	SIN	T3F	PA	SCO		F	15	45	500U		22	100U			2M			FL
CK533AX		PND	SIN	T3F	PA	SCO		F	15	45	650U		22	360U			500K			FL
CK534AX		PND	SIN	T3F	VA	SCO		F	15	30	100U		15	9U			5M			FL
CK542DX	S	PND	SIN	T2F	PA	SCO		F	15	30	700U		22	425U			150K			FL
CK546DX		PND	SIN	T3F	PA	SCO		F	10	45			22	375U			200K			FL
CK547DX		PND	SIN	T2F	PA	SCO		F	12	10	500U		30	270U			750K			FL
CK548DX	S	PND	SIN	T2F	PA	SCO		F	12	10			22	240U			250K			FL
CK549DX	S	PND	SIN	T2F	VA	SCO		F	10				15	5U			12M			FL
CK574AX		PND	SIN	T3F	RFA	SCO		F	20				22	125U			1M			FL
837		PND	SIN	S16	RFA	RCO		H	700	500	40	12.0	500	30				16.0	10.0	68M
884		TRI	SIN	S12	THY	GAS		H	600	350	300		300	75						6Q

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{ox}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
954		PND	SIN	ACO	RFA	SCO	RC	H	6.3	150	250	0.5	250	2	14		ohms	μμf	μμf	58B
955		TRI	SIN	ACO	RFA	RCO	RC	H	6.3	150	250	1.6	250	6	22	25	1M	3.4	3.0	58C
956		PND	SIN	ACO	RFA	RCO	RC	H	6.3	150	250	1.7	250	7	18		11K	3.4	3.0	58B
CK1005		DIO	TWN	MT8	REC	GAS	RA	F	6.3	50	450	225	225	35			700K			5AQ
CK1006		DIO	TWN	S14	REC	GAS	RA	F	1.8	2000	2K	800	800	200						4C
CK1007		DIO	TWN	MT8	REC	GAS	RA	F	1.0	1200	980	330	330	110						8DX
CK1024		DIO	TWN	MT8	REC	GAS	RA	C			1K	480	500	160						4R
CK1027		DIO	SIN	T5	REC	GAS	RA	C			3K	30	1K	3						58U
CK1036		DIO	SIN	T3	REC	GAS	RA	C			3K		1K	100U						FL
CK1037		DIO	SIN	T3	REG	GAS	RA	C			720	125U	700	25U						FL
CK1038		DIO	SIN	T3	REG	GAS	RA	C			915	55U	900	25U						FL
CK1039		DIO	SIN	T3	REG	GAS	RA	C			1K	100U	1K	25U						FL
CH1046		TRI	SIN	T5	THY	GAS	CH	H	28.0	380	1K	20A	1K	50						
CK1054		TRI	SIN	T4	THY	GAS	RA	F	1.4	50	45	700U	45	450U				1.2	1.3	FL
1216		TRI	TWN	T5	ONA	SRC	SY	H	6.3	300	175	0.5	100	5	34	27	7950	2.4	0.5	7BF
1217		PTG	SIN	T5	ONA		SY	H	6.3	300	250	1.0	150	6			20K	5.4	7.6	7CH
1237		DIO	TWN	T9	REC	GAS	SY	F	2.5	1130	100	15A	20	3000						7FJ
1258		TRI	SIN	T6	THY	GAS	CH	H	6.3	1800	1K	20A	600	50						4P
1616		DIO	SIN	T16	REC	VAC	RC	F	2.5	5000	6K	800	75	130						7R
1620		PND	SIN	MT8	VA	SCO	RC	H	6.3	300	250	250	250	2	12		1M	7.0	12.0	
C2044		TRI	SIN	T6	THY	GAS	CH	H	6.3	850	1K	20A	600	50						68S
2050W		TET	SIN	T9	THY	GAS	CH	H	6.3	600	1K	1000	600	100						7CS
5516		BEA	SIN	T11	PA	RCO	HY	F	6.0	700	600	15.0	400	100	40			8.5	6.5	58U
5517		TRI	SIN	T5	REC	GAS	RA	C	6.3	150	180	1.7	90	4	20		450K	3.2	2.0	7BD
5590		PND	SIN	T5	UHF	SRC	WE	H	6.3	150	180	1.7	90	4	20					
5591		PND	SIN	T5	UHF	SCO	BT	H	6.3	150	180	1.7	130	8	51		350K	4.0	2.85	7BD
5594		TRI	SIN	T16	THY	GAS	CH	F	2.5	5000	5K	2000	2K	500						3G
5608		TRI	TWN	S14	VA	SRC	RA	H	2.5	5000	350	5.5	300	6	24	32	13K			7B
5610		TRI	SIN	T5	GEN	SRC	GE	H	6.3	150	300	3.0	90	17	40	14	3500			6CG
5618		PND	SIN	T5	VHF	SRC	RC	H	6.0	230	300	5.0	250	18	35			7.0	5.0	7CU
5636		PND	SIN	T3	GA	SRC	SY	H	6.3	150	165	1.1	100		32		110K	4.0	1.9	8DC
5639		PND	SIN	T3	VHF	SRC	SY	H	6.3	450	165	4.0	150	21	90		50K	9.0	4.6	8DL
5641		DIO	SIN	T3	REC	HIP	SY	H	6.3	450	930	235	235	45						6CJ
5642		DIO	SIN	T3	REC	VAC	SY	F	1.2	200	10K	8K	8K	150U						28
5643		TET	SIN	T3	THY	GAS	SY	H	6.3	150	500		150	16				1.6	1.5	8DD

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																		IN	OUT	
5644	* DIO	SIN	T3	REG	REG	GAS	SY C	V	ma	V	ma	W	V	ma	umho		ohms	$\mu\mu f$	$\mu\mu f$	4CN FL
5647	* DIO	SIN	T1	DET	VAC	SY H	SY H	6.3	150	130	25		95	15						580
5651WA	* DIO	SIN	T5	REF	VAC	SC RC	SC RC	6.3	175	115	4		85	2						78D
5654	S* PND	SIN	T5	UHF	SC RC	SC RC	SC RC	6.3	400	200	20	1.6	150	7	43		420K	4.0	2.85	9F
5656	TET	TWN	T6	VHF	SRC RA	SRC RA	SRC RA	6.3	400	250	20	3.0	150	16	58		60K	3.6	1.5	
5663	TET	SIN	T5	THY	GAS GE	GAS GE	GAS GE	6.3	150	500	60		11	20						6CE
5670WA	S* TRI	TWN	T6	GEN	SRC GE	SRC GE	SRC GE	6.3	350	330	18	1.6	150	8	55	35	6400	2.2	1.0	8CJ
5672	PND	SIN	T3F	PA	SRC RA	SRC RA	SRC RA	1.2	50	100	6		68	3	6		125K	2.8	3.5	FL
5676	TRI	SIN	T3F	UHF	SRC RA	SRC RA	SRC RA	1.2	120	150	11		135	4	16	15				FL
5678	PND	SIN	T3F	RFA	SC RA	SC RA	SC RA	1.2	50	90			68	2	11		1M	3.3	3.8	FL
5686	S* BEA	SIN	T6	PA	RCO RA	RCO RA	RCO RA	6.3	350	250	40	7.5	250	27	31		45K	6.4	4.0	9G
5687WA	S* TRI	TWN	T6	GEN	RCO TS	RCO TS	RCO TS	12.6	450	330	65	3.8	120	36	115	18		4.0	0.6	9H
5690	S* DIO	TWN	T12	REC	VAC RC	VAC RC	VAC RC	12.6	1200	1K	375		700	110						6S
5691	S* TRI	TWN	T9	VA	SCO RC	SCO RC	SCO RC	6.3	600	275	10	1.0	250	2	16	70	44K			88D
5692	S* TRI	TWN	T9	VA	RCO RC	RCO RC	RCO RC	6.3	600	275	15	1.8	250	6	22	20	9100			88D
5693	S* PND	SIN	MT8	VA	SCO RC	SCO RC	SCO RC	6.3	300	300	10	2.0	250	3	16		1M	5.3	6.2	8N
5696	S* TET	SIN	T5	THY	GAS RC	GAS RC	GAS RC	6.3	150	500	100		117	25				1.8	0.54	75N
5702WB	S* PND	SIN	T3	VHF	SCO RA	SCO RA	SCO RA	6.3	200	165	16	1.1	120	8	50		340K	5.05	3.75	FL
5703WB	* TRI	SIN	T3	UHF	SRC RA	SRC RA	SRC RA	6.3	200	200	15	1.4	120	9	50	26		2.6	0.85	FL
5704WA	* DIO	SIN	T2	DET	VAC RA	VAC RA	VAC RA	6.3	150	460	60		165	9					2.2	FL
5718	* TRI	SIN	T3	UHF	SRC SY	SRC SY	SRC SY	6.3	150	165	22	3.3	150	13	65	27		2.2	0.7	8DK
5719	* TRI	SIN	T3	AF	SCO SY	SCO SY	SCO SY	6.3	150	165	3	0.6	150	2	23	70		1.7	0.6	8DK
5722	DIO	SIN	T5	NOI	VAC SY	VAC SY	VAC SY	4.9	1600	200	35	3.5	150	30	32			3.9	3.0	5CB
5725	S* PND	SIN	T5	RFA	SCO RA	SCO RA	SCO RA	6.3	175	200	20	1.6	120	5						7CM
5726	S* DIO	TWN	T5	REC	VAC RA	VAC RA	VAC RA	6.3	300	360	60		117	9				3.2	3.2	6BT
5727	S* TET	SIN	T5	THY	GAS GE	GAS GE	GAS GE	6.3	600	1K	500		460	100				2.4		78N
5744WB	* TRI	SIN	T3	UHF	SCO RA	SCO RA	SCO RA	6.3	200	275	6	1.3	250	4	40	70		2.7	2.3	FL
5749	S* PND	SIN	T5	RFA	RCO GE	RCO GE	RCO GE	6.3	300	300		3.0	250	11	44		1M	5.5	5.0	78K
5750	S* PTG	SIN	T5	CON	GE H	GE H	GE H	6.3	300	300	14	1.0	250	3			1M	5.5	7.6	7CH
5751	S* TRI	TWN	T6	VA	SCO GE	SCO GE	SCO GE	12.6	175	330		0.8	250	1	12	70	58K	1.4	0.46	9A
5755	S* TRI	TWN	T6	VA	SCO WE	SCO WE	SCO WE	12.6	180	225	4	0.9	310	150U	5	70	140K	1.5	0.8	9J
5763	S* BEA	SIN	T6	VHF	RCO RC	RCO RC	RCO RC	6.0	750	300	50	12.0	300	50	70			9.5	4.5	9K
5783WB	* DIO	SIN	T3	REF	GAS RA	GAS RA	GAS RA	6.3	200	91	4		86	2						FL
5784WA	S* PND	SIN	T3	VHF	SRC RA	SRC RA	SRC RA	6.3	200	165	16	1.2	120	5	32					FL
5787WB	* DIO	SIN	T3	REG	GAS RA	GAS RA	GAS RA			105	25		100	15						FL

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.	
							REG.	K										IN	OUT		
5812		BEA	SIN	T5	RFA	RCO	HY	F	6.0	650	300	60	10.0	250	40	43		μμf	7CQ		
5814A	S*	TRI	TWN	T6	GEN	RCO	GE	H	12.6	175	330	22	3.0	250	10	22	17	7700	9.0	7.4	
5823		TRI	SIN	T5	TRG	GAS	RC	C		200	200	100		117	25			1.6	0.5	9A	
5824	S	PND	SIN	T9	PA	RCO	GE	H	25.0	300	200	28	12.5	135	69	50		15K		4CK	
5829WA	*	DIO	TWN	T3F	REC	VAC	RA	H	6.3	150	360			117	5			2.7		75	
5838	S	DIO	TWN	T9	REC	VAC	BE	H	12.6	600	1K	230		400	50					FL	
5839	S*	DIO	TWN	T9	REC	VAC	BE	H	26.5	255	1K	230		400	50					6S	
5840	S*	PND	SIN	T3	UHF	SRC	SY	H	6.3	150	165	16	1.1	100	8	50		260K	4.0	1.9	8DL
5841		DIO	SIN	T3	REG	GAS	VI	C		930	500	50	4.5	900	260	270	43	1600	9.0	1.8	9V
5842	S	TRI	SIN	T6	GGA	SCO	WE	H	6.3	300	200	38		130	27						
5844	S	TRI	TWN	T5	ONA	SRC	GE	H	6.3	300	200	10	1.0	100	5	37	28	7550	2.6	0.5	75F
5845		DIO	TWN	T5	NOI	VAC	SY	F	4.3	435	300	2	1.8	300	500U				0.6	0.6	5CA
5847	S	PND	SIN	T6	RFA	SCO	WE	H	6.3	300	200	40	3.3	160	14	130		200K	7.2	3.15	9X
5852	S*	DIO	TWN	T9	REC	VAC	BE	H	6.3	1200	1K	230		400	50	6		350K			6S
5854		PND	SIN	T3F	PA	SCO	RA	F	1.2	30	50			45	800U						FL
5857		HEX	SIN	T6	VHF	SCO	NU	H	6.3	450	350		1.5	300	8	200		70K	9.3	2.2	
5875		PND	SIN	T3F	OSC	SCO	RA	F	1.2	100	100	7		90	4	25			4.0	4.0	FL
5876		TRI	SIN	PEN	UHF	SCO	RC	H	6.3	135	300	25	6.2	250	18	65	56	8625			
5879	S	PND	SIN	T6	VA	SRC	RC	H	6.3	150	300		1.2	250	2	10		2M	2.7	2.4	9AD
5881	S	BEA	SIN	T11	PA	RCO	TS	H	6.3	900	400		23.0	300	55	53		35K			75
5884		TET	TWN	T3F	EL	SRC	RA	F	1.2	10	25	500U		10	100U	*1	1				FL
5886	S	PND	SIN	T3F	EL	SCO	RA	F	1.2	10	22	300U		8	60	*1		8M	2.2		FL
5889	S	PND	SIN	T3	EL	SCO	RA	F	1.2	8	45	300U		12	40	*1			2.2		FL
5896	S*	DIO	TWN	T3	DET	VAC	SY	H	6.3	300	460	60		150	9	45			2.4		8DJ
5899	*	PND	SIN	T3	UHF	SRC	SY	H	6.3	150	165	16	1.1	100	7			260K	4.0	1.9	8DL
5902		BEA	SIN	T3	PA	RCO	SY	H	6.3	450	165	50	4.0	110	30	42		15K	6.5	4.5	8DL
5903	S*	DIO	TWN	T3	DET	HIP	SY	H	26.5	75	460	60		165	9	50			3.0		8DJ
5904	*	TRI	SIN	T3	VA	SCO	SY	H	26.5	45	55	22		26	3	28	20		2.2	0.8	8DK
5905	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	45	55	10		26	2	28		150K	4.0	3.4	8DL
5906	S*	PND	SIN	T3	UHF	SRC	SY	H	26.5	45	165	16	1.1	100	8	50		260K	4.0	1.9	8DL
5907	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	45	55	10		26	3	30		100K	4.0	1.9	8DL
5908	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	150	55	10		26	3	22		31K	4.0	3.2	8DC
5910	S	PND	SIN	T5	VA	SCO	RA	F	1.4	50	90	6		90	2	9		2M	3.6	7.5	6AR
5915A	S	PTG	SIN	T5	ONA	SRC	GE	H	6.3	300	250	70	1.0	150	6	24			5.4	7.6	7CH
5916	S*	PND	SIN	T3	GA	SRC	SY	H	26.5	45	165	11	1.1	100	5	32		110K	4.0	3.4	8DC

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG. K	K											IN	OUT	
5920		TRI	TWN	T5	VA	SCO	AM	H	6.3	400	150	20	1.5	100	8	25		ohms	μμf	7BF	
5930	S#	TRI	SIN	T12	PA	RCO	SY	F	2.5	2500	300	15.0	250	60	52	4	800		0.3	4D	
5931	S#	DIO	TWN	T12	REC	VAC	SY	F	5.0	3000	2K	2500	450	225						5T	
5932	S#	BEA	SIN	T12	PA	RCO	SY	H	6.3	900	400	21.0	350	66	52		33K			7S	
5933	S#	BEA	SIN	T12	PA	RCO	SY	H	6.3	900	600	25.0	600	36				12.0	7.0	5AW	
5947		DIO	SIN	T9	REG	VAC	BE	F	4.5	1750	250	7.0	90	2						FL	
5950		DIO	SIN	T3	REG	GAS	VI	C			730	50U	700	26U						32	
5960		TRI	SIN	MT8	TRG	GAS	BE	C			1K	100A	100	90						7EX	
5962		DIO	SIN	T5	REG	GAS	RA	C			2K	55U	700	25U						9A	
5963		TRI	TWN	T6	ONA	SRC	RC	H	12.6	150	250	100	4.0	68	7	20	22	7850	1.9	0.5	
5964		TRI	TWN	T5	ONA	SRC	RC	H	6.3	450	250	75	1.5	100	10	60	39	6500	2.1	0.4	7BF
5965	S	TRI	TWN	T6	ONA	SCO	GE	H	12.6	225	330	160	2.4	150	8	67	47	7000	4.0	0.5	9A
5967		TRI	TWN	T3	VHF	SCO	RA	F	1.2	120	50	4	45	3	20	17	20	17	0.9	0.9	8DQ
5968		TRI	TWN	T3	VHF	SCO	RA	F	1.2	120	45	4	45	4	13	50	13	50	0.9	0.9	8DQ
5969		TET	TWN	T3	VHF	SRC	RA	F	1.2	200	150	15	1.0	135	6	17	2.5	2.5	2.5	8DR	
5970		PND	TWN	T3	VHF	SRC	RA	F	1.2	160	45	5	45	3	18		170K	3.3	2.4	8DS	
5971		TRI	SIN	T3F	VHF	SCO	RA	F	1.2	80	90	5	68	4	21	23		1.6	1.7	FL	
5972		PND	SIN	T3F	RFA	SRC	RA	F	1.2	60	75		68	2	13		1M	4.5	4.1	FL	
5977	*	TRI	SIN	T3	GEN	SRC	SY	H	6.3	150	180	22	3.3	100	10	45	16	2.0	0.8	8DK	
5987	#	TRI	SIN	T3	PA	RCO	SY	H	6.3	450	165	50	4.0	100	9	18	4	2.8	1.5	8DM	
5992	S*	BEA	SIN	T9	PA	RCO	BE	H	6.3	600	300	12.0	250	47	40		45K			7S	
5993	S*	DIO	TWN	T6	REC	VAC	BE	H	6.3	800	1K	230	325	70						9A2	
5998	S#	TRI	TWN	S16	VA	RCO	BT	H	6.3	2400	275	140	15.0	120	87	140	6		7.0	8BD	
6000		BEA	SIN	T11	PA	RCO	T5	H	26.5	280	600	125	25.0	250	70	80		15.0		6CK	
6004		DIO	TWN	T9	REC	VAC	HY	F	5.0	2000	1K	375		120						8EA	
6005	S*	BEA	SIN	T5	PA	RCO	GE	H	6.3	450	275	11.0	250	47	41		52K	8.3	7.5	7B2	
6012		TET	SIN	T12	THY	GAS	RC	H	6.3	2600	1K	5000	650	500						6CO	
6021	S*	TRI	TWN	T3	UHF	SCO	SY	H	6.3	300	165	22	1.1	100	6	35	6500	2.4	0.28	8DG	
6028	S	PND	SIN	T5	UHF	SCO	WE	H	20.0	50	180	18	1.7	120	9	56	250K	3.9	2.0	7DL	
6029		TRI	SIN	T3F	UHF	RCO	RA	F	1.2	200	135	14	1.0	90	11	20	8	1.3	1.8	FL	
6045		TRI	TWN	T5	VA	RCO	SY	H	6.3	350	330	22	1.6	100	9	64	38	2.0	0.45	7BF	
6046	S	BEA	SIN	T9	PA	RCO	GE	H	25.0	300	200	10.0	200	47	80		28K			7S	
6050		TRI	SIN	T3F	UHF	SRC	RA	F	1.2	120	150	11	1.5	135	4	16	15	1.2	1.9	FL	
6072	S*	TRI	TWN	T6	AF	SRC	GE	H	12.6	175	300	1.5	250	3	18	44	25K	1.5	0.5	9A	
6073	S#	DIO	SIN	T5	REG	GAS	RC	C			185	30	151	18						5BQ	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.	REG.	K	E _f	I _f	MAX E _b E _{om} E _{pm}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																				IN	OUT	
6074	S#	DIO	SIN	T5	REG	GAS	RC	C		V	ma	V	ma	W	V	ma	μmho		ohms	μμf	μμf	580
6080WA	S*	TRI	TWN	T12	PA	RCO	RC	H		6.3	2500	133	30	13.0	108	18	70	2	280	6.0	2.2	880
6082	S	TRI	TWN	T12	PA	RCO	RC	H		26.5	600	250	125	13.0	135	125	70	2	280	6.0	2.2	880
6087	S#	DIO	TWN	T9	REC	VAC	GE	H		5.0	2000	1K	375	13.0	350	125	70					5L
6088	S#	PND	SIN	T3F	PA	SCO	RA	F		1.2	20	68	2		45	6500	6		700K			FL
6092		PND	SIN	T3F	PA	SRC	RA	F		1.2	50	68	4		45							FL
6094	S*	BEA	SIN	T6	PA	RCO	BE	H		6.3	600	275	60	12.5	250	45	42		32K	8.5	5.3	9DH
6098	S#	BEA	SIN	T11	PA	RCO	TS	H		6.3	1200	600	125	21.0	250	77	54		21K	11.0	7.0	68Q
6099	S	TRI	TWN	T5	RFA	SRC	HY	H		6.3	450	330	25	1.6	100	9	60	38		2.1	0.4	78F
6100	S*	TRI	SIN	T5	VA	RCO	GE	H		6.3	150	330	20	3.8	250	10	22	17		1.8	1.3	68G
6101	S#	TRI	TWN	T5	RFA	RCO	RC	H		6.3	450	330		0.8	100	8	60	38	6300	2.0	0.4	78F
6106	S*	DIO	TWN	T9	REC	VAC	BE	H		5.0	1700	2K	415		350	125						5L
6110	*	DIO	TWN	T3	DET	VAC	SY	H		6.3	150	480	26		150		4			1.5		80J
6111	*	TRI	TWN	T3	VA	SRC	SY	H		6.3	300	165	22	1.1	100	8	50	20	4000	1.9	0.28	8DG
6112	*	TRI	TWN	T3	VA	SCO	SY	H		6.3	300	165	3	0.6	150	2	25	70	28K	1.7	0.2	8DG
6113	S	TRI	TWN	T9	VA		NU	H		6.3	300				250	2	16	70	44K	3.0	3.8	88D
6119	S#	DIO	SIN	T3	REG	GAS	VI	C		6.3	450	300	1000		2K	510						FL
6134	S*	PND	SIN	MT8	RFA	SRC	GE	H		6.3	175	300	25	3.0	300	10	90	17	1M	11.0	5.0	8N
6135	S*	TRI	SIN	T5	GEN	RCO	GE	H		6.3	300	300		3.5	250	10	22		7700	1.5	0.7	68G
6136	S#	PND	SIN	T5	RFA	SCO	GE	H		6.3	300	300		3.0	250	11	52		1M	6.0	5.0	7DK
6137	S#	PND	SIN	MT8	RFA	RCO	GE	H		6.3	300	300		3.0	250	9	20		800K	5.0	7.0	8N
6140	S	DIO	SIN	T6	REG	GAS	WE	C				160	8		100	6						9BY
6141		TRI	SIN	T6	REG	GAS	WE	C				165	40		100	22						9BZ
6142		DIO	SIN	T1	REG	GAS	BE	C				300	4000		150	2380						FL
6143		DIO	SIN	T3	REG	GAS	VI	C				1K	1000		1K	510						FL
6145		PND	SIN	T9	VA	SCO	SY	H		6.3	600	300		10.0	150	34	97		100K	14.0	7.5	8V
6146	S	BEA	SIN	T12	PA	RCO	RC	H		6.3	1250	400	90	25.0	400	50	70			13.5	8.5	7CK
6147		PND	SIN	T3	KFA	SRC	KH	F		2.5	80	180	14	1.2	125	8	15		175K	2.5	2.5	8CL
6152	*	TRI	SIN	T3F	UHF	SRC	RA	H		6.3	200	180	22	1.1	100	10	51	18		2.9	1.28	FL
6159	S	BEA	SIN	T12	PA	RCO	RC	H		26.5	300			25.0	400	50	70			13.5	8.5	7CK
6174		TRI	SIN	T5	REC	GAS	RA	C				3K	30		1K	3						58U
6184	*	DIO	TWN	T3	UHF	HIP	NU	H		6.3	150	450	50		150	3						8EH
6186	S	PND	SIN	T5	VHF	SRC	RA	H		6.3	300	330		2.5	250	7	50		800K	6.5	2.5	78D
6188	S#	TRI	TWN	T9	GEN	SCO	TS	H		6.3	300	275		1.1	250	2	16	70	44K			88D
6189	S#	TRI	TWN	T6	AFA	RCO	SY	H		12.6	150	330	22	3.0	250	10	22	17	7700	1.6	0.4	9A

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
6197	S	PND	SIN	T6	ONA	SRC	RC	H	V	ma	v	ma	w	v	ma	μmho		ohms	μμf	98V	
6201	S#	TRI	TWN	T6	VHF	SRC	GE	H	6.3	650	300	50	7.5	250	30	110	90K	11.5	5.0	9A	
6202	S#	DIO	TWN	T5	REC	VAC	GE	H	12.6	150	300	200	2.5	250	10	55	60	2.2	0.5	5BS	
6203	S*	DIO	TWN	T6	REC	VAC	GE	H	6.3	600	1K	200		325	50					9CD	
6205	S*	PND	SIN	T3	UHF	SRC	SY	H	6.3	900	1K	270	1.1	100	70	50	260K	4.0	1.9	8DC	
6206	S*	PND	SIN	T3	UHF	SRC	SY	H	6.3	150	165	16	1.1	100	7	45	260K	4.0	1.9	8DC	
6211	S	TRI	TWN	T6	ONA	SRC	RC	H	12.6	150	200	16	1.0	100	5	36	7500	2.9	0.54	9A	
6213		DIO	SIN	T3F	REF	GAS	RA	C		200	200	2		130	2					FL	
6215		DIO	SIN	T9	REC	VAC	GE	F	1.2	200	18K	8		56	1					3C	
6216	#	BEA	SIN	T6	PA	RCO	HY	H	6.3	1200	300	110	10.0	200	51	88	39K	12.3	6.7R	R9CE	
6221	#	TRI	SIN	T3	VA	SCO	SO	H	6.3	175	165	22	3.3	100	8	58	4650	2.2	0.9	8HF	
6222	#	TRI	SIN	T3	VA	SCO	SO	H	6.3	175	165	3	0.6	100	7000	17	70	4120	2.0	0.9	8HF
6223	#	PND	SIN	T3	VA	SRC	SO	H	6.3	175	165	16	1.1	100	8	50	175K	4.2	3.4	8DE	
6224	#	BEA	SIN	T3	PA	RCO	SO	H	6.3	450	165	50	5.0	110	30	42	10K	6.5	7.5	8DE	
6225	#	PND	SIN	T3	VA	SRC	SO	H	6.3	175	165	16	1.1	100	7	45	175K	4.1	3.4	8DE	
6245	#	PND	SIN	T3	UHF	SRC	RA	H	6.3	200	200	20	1.8	120	8	50	150K	4.4	3.15	FL	
6247WA	S#	TRI	SIN	T3	VA	SRC	RA	H	6.3	200	275	6	1.2	250	4	26	60	2.0	0.7	8FO	
6263		TRI	SIN	PEN	UHF	RCO	RC	H	6.0	280	400	70	13.0	350	40	70	27				
6264		TRI	SIN	PEN	UHF	SRC	RC	H	6.0	280	400	70	13.0	350	35	68	40				
6265	S#	PND	SIN	T5	VA	SRC	GE	H	6.3	175	300	70	2.0	250	7	46	1M	5.2	4.4	7CM	
6281		PND	SIN	T3F	AFA	SCO	RA	F	0.6	20	25	100U		15	50U	1		2M	2.5	3.4	FL
6286		TRI	SIN	T3F	OSC	SRC	RA	F	1.2	125	100	7	0.4	68	6	21	12	1.3	2.1	FL	
6287	BEA	SIN	T6	PA	RCO	SY	H	6.3	6.3	600	275	85	13.2	250	48	41		8.0	9.0	9CT	
6293	BEA	SIN	T12	PA	RCO	RC	H	6.3	6.3	1250	4K	3000	10.0	200	100	73		13.5	8.5	7CK	
6308	#	DIO	SIN	T3	REF	GAS	SY	C				4		86	2					8EX	
6332		DIO	SIN	T2	REG	GAS	PL	C			80	6		55	500U					FL	
6350	S	TRI	TWN	T6	ONA	SRC	SY	H	12.6	300	300	300	3.5	150	11	46	18	3900	3.6	0.6	9CZ
6352	#	DIO	TWN	T3	NOI	VAC	SY	F	3.0	360	275	550U		250	50U					8EY	
6355	#	TRI	TWN	T5	IND	NU	H	6.3	6.3	140	275	25	1.5	150	8	50	35				
6385	S*	TRI	TWN	T6	GEN	SRC	BE	H	6.3	500	300	25								8CJ	
6386	#	TRI	TWN	T6	CA	SRC	GE	H	6.3	350	300	18	1.5	100	10	40	17	4250	2.0	1.1	8CJ
6395		PND	SIN	T5	RFA	SCO	RA	F	1.2	50	100	6		90	2	9		3.7	6.3	6AR	
6397	BEA	SIN	T3	PA	SRC	RA	F	2.5	62	62	135	14	1.5	125	7	20		2.6	2.15	6CL	
6414	#	TRI	TWN	T6	ONA	SRC	GE	H	12.6	225	200	160	2.0	180	8	56	42	7650	4.0	0.47	9A
6417	S	BEA	SIN	T6	VHF	RCO	RC	H	12.6	375	300	50	12.0	300	50	70		9.5	4.5	9K	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E _f	I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																		IN	OUT	
6418	S	PND	SIN	T2F	PA	SCO	R4	F	mg 10	V ₃₀	mg 5000	w	V ₂₂	2400	3		ohms	μμf	μμf	FL
6419	S	PND	SIN	T2F	VA	SCO	RA	F	10	25	1000		15	550	1		420K			FL
6436		DIO	SIN	T3	REC	GAS	RA	C		2K	10		1K	1000			2M			FL
6437		DIO	SIN	T3	REG	GAS	RA	C		2K	125U		700	250						FL
6438		DIO	SIN	T3	REG	GAS	RA	C		2K	125U		1K	250						FL
6463		TRI	TWN	T6	ONA	SRC	GE	H	300	300	300	4.0	250	14	52	20	3850	3.0	0.6	9CZ
6483	#	TET	SIN	T3	TRG	GAS	SY	C		500	10A		450							FL
6485	S	PND	SIN	T5	IFA	SCO	RA	H	450	300	25	3.2	300	10	90		500K	10.0	2.0	78K
6486	S*	PND	SIN	T6	RFA	SCO	BE	H	250	180	18	2.0	120	4	32		4.4		3.7	9DV
6519		PND	SIN	T2F	PA	SCO	RA	F	10	30	600U		22	400U	4		300K			FL
6520	S	TRI	TWN	S16	PA	RCO	CH	H	2500	300	125	14.0	135	112	70	2	280	8.4	2.2	880
6525		TET	SIN	T5	THY	GAS	GE	H	150	500	60		500	20					1.3	78N
6526		PND	SIN	T3F	PA	SRC	RA	F	125	135	12	1.1	110	6	19		140K			FL
6533WA	S*	TRI	SIN	T3	VA	SCO	RA	H	200	150	2	0.5	120	900U	18	54		1.75	0.6	8FY
6540	S	PND	SIN	T3	RFA	SRC	RA	H	200	165	16	1.1	120	8	50		340K	4.8	3.5	FL
6542	#	DIO	SIN	T3	REG	GAS	RA	C		168	25		150	15						FL
6582A	S	PND	SIN	T6	RFA	SRC	BE	H	250	200	20	2.0	120	8	45		500K	4.5	3.0	9EJ
6611		PND	SIN	T3F	RFA	SCO	RA	F	20	50	2	0.1	30	1	10		400K	4.0	4.0	FL
6612		PND	SIN	T3F	RFA	SCO	RA	F	80	50	6	0.2	30	3	30		180K	5.5	4.2	FL
6626	S*	DIO	SIN	T5	REG	GAS	HY	C		165	30		150	18						580
6627	S*	DIO	SIN	T5	REG	GAS	HY	C		170	30		108	18						580
6659	S	DIO	SIN	T3	REC	GAS	RA	C		3K	40		1K	8						FL
6660	S	PND	SIN	T5	RFA	RCO	GE	H	300	330		3.3	250	11	44		1M	5.5	5.0	78K
6661	S	PND	SIN	T5	RFA	SRC	GE	H	150	330		3.3	250	7	46		1M	5.4	4.4	7CM
6662	S	PND	SIN	T5	RFA	RCO	GE	H	150	330		3.3	250	9	36		1M	4.5	5.5	7CM
6663	S	DIO	TWN	T5	DET	HIP	GE	H	300	275	60		3	10					2.5	68T
6669	S	BEA	SIN	T5	PA	RCO	GE	H	450	250		12.0	250	47	41		52K	8.0	8.5	78Z
6677	S	PND	SIN	T6	PA	SRC	GE	H	650	330		8.5	250	31	110		150K	11.0	5.5	98V
6678	S	TRI	PND	T6	OSC	SRC	GE	H	450	330		3.0	150	18	85	40	5000	2.5	0.4	9AE
6678	S	PND	TRI	T6	MIX	SRC	GE	H	450	330		3.0	250	10	52		400K	5.0	2.6	9AE
6679	S	TRI	TWN	T6	RFA	SRC	GE	H	150	330		2.8	250	10	55	60	11K	2.2	0.5	9A
6680	S	TRI	TWN	T6	AFR	RCO	GE	H	150	330		3.0	250	10	22	17	7700	1.6	0.4	9A
6681	S	TRI	TWN	T6	VA	SCO	GE	H	150	330		1.1	250	1	16	100	62K	1.6		9A
6754	S*	DIO	TWN	T6	REC	VAC	BE	H	1000	1K	330		325	90						9ET
6763	#	DIO	SIN	T5	REC	GAS	RA	C		3K	100		1K	12						

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b or E _{pk}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
6788	#	PND	SIN	T3	AFA	SCO	SY	H	175	250	10	0.5	100	8000	12		ohms	μμf	μμf	8DL	
6792	#	BEA	SIN	T12	VA	RCO	HY	H	450	25K	10	25.0	25K	1	2			1M	2.5	3.2	8GL
6814	#	TRI	SIN	T3	ONA	SRC	SY	H	150	165	160	2.2	100	10	60	29	4800	2.2	0.7	8DK	
6829	S*	TRI	TWN	T6	ONA	SRC	GE	H	225	275	30	2.2	150	8	67	47	7000	4.0	0.5	9A	
6830		DIO	SIN	T5	REG	GAS	HY	C		185			150	18						FL	
6831		DIO	SIN	T5	REG	GAS	HY	C		133	30		108	18						FL	
6832	#	TRI	TWN	T3	VA	SCO	RA	H	400	165	3	0.1	100	8000	10	26				8DG	
6840	#	TRI	TWN	T6	ONA	SRC	GE	H	400	300	500	4.0	250	14	67	20	3000	4.0	0.7	9CZ	
6842		PND	SIN	T5	REG	SCO	NU	H	150	4K	100	8.0	2K	4	25	930K	3.95	1.34	7EQ		
6851	S*	TRI	TWN	T6	VA		BE	H	250	330	8	1.0	250	1	12	70	60K	1.6	0.48	9A	
6853	S*	DIO	TWN	T9	REC	VAC	BE	H	1700	2K	415		350	125						5L	
6854	S*	TRI	TWN	T6	VA	SRC	BE	H	500	300	20	1.5	150	8	52	35	6500	2.4	1.1	9FV	
6872	#	PND	SIN	T3	VHF	SRC	RA	H	200	165	16	1.1	120	8	41		FL	5.0	3.5	FL	
6873	#	TET	SIN	T5	TRG	GAS	SY	C		1K	500A		500	60A						FL	
6877	#	TRI	SIN	T6	PA	RCO	BE	H	800	200	200	12.0	100	75	65					9GB	
6883		BEA	SIN	T12	PA	RCO	RC	H	625	400	90	25.0	400	50	70			13.5	8.5	7CK	
6887		DIO	TWN	T5	ONA	HIP	RC	H	200	360	30			2	10			2.2	2.2	68T	
6888	S	PND	SIN	T9	GA	SRC	SY	H	800	250	600	8.0	150	38				12.0	6.5	8N	
6893	S	BEA	SIN	T9	PA	RCO	RC	H	400	600	75	17.0	250	42	35			12.5	7.0	7CK	
6900	S	TRI	TWN	T6	GEN	SRC	BE	H	450	330		4.2	120	36	115	18				9H	
6907		TET	TWN	T14	VHF	RCO	AM	H	650	750	82	12.5	300	50	25			6.5	2.5		
6913	S	TRI	TWN	T6	ONA	SRC	SY	H	300	300	300	3.5	150	11	46	18	3900	3.6	0.5	9A	
6919		DIO	TWN	T5	GA	HIP	GE	H	200	300	30			2	10			2.2	2.2	68T	
6931		DIO	SIN	T9	REG	GAS	PL	C		3K	500U		3K	275U				3.5	3.85	FL	
6932		PND	SIN	T3	GA	SCO	RA	F	20	68	2			43	560U						
6939		TET	TWN	T6	VHF	SCO	AM	H	300	275	45	3.0	200	16	75			6.4	1.6		
6943	S*	PND	SIN	T3	RFA	SRC	SY	H	175	250	15	1.0	100	8	36			3.8	3.8	8DC	
6944	#	PND	SIN	T3	RFA	SRC	SY	H	175	250	15	1.0	100	7	32			2.9	3.1	8DC	
6945	#	BEA	SIN	T3	AFA	RCO	SY	H	350	250		3.0	100	25	35			5.0	5.5	8DL	
6946	#	TRI	SIN	T3	GEN	SRC	SY	H	175	250	15	1.5	100	9	38	16		1.6	0.75	8DK	
6947	#	TRI	TWN	T3	GEN	SRC	SY	H	350	250	13	0.8	150	6	40	35		1.6	0.2	8DG	
6948	#	TRI	TWN	T3	GEN	SCO	SY	H	350	250	10	0.5	100	8000	16	70		1.6	0.2	8DG	
6954		PND	SIN	T5	GA	SCO	WH	H	300	300		3.0	150	6	20		50K	6.0	5.0	7CM	
6955		TRI	TWN	T6	GEN	RCO	HY	H	175	300	20	2.6	250	12	24	16	7000	1.5	0.5	9A	
6968	S*	PND	SIN	T5	REA	SRC	HY	H	175	200	20	1.6	120	8	50			4.0	2.8	7BD	

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																			IN	OUT	
6973	S	BEA	SIN	T6	PA	RCO	RC	H	6.3	450	400	750U	12.0	250	46	48		ohms	μμf	μμf	9EU
6977		TRI	SIN	T1	IND	VAC	AM	F	1.0	30	65			50	585U			73K	8.0	8.5	FL
7025		TRI	TWN	T6	VA	SCO	RC	H	12.6	150	300		1.0	250	1	16	100	62K	1.6	0.46	9A
7027	S	BEA	SIN	T12	PA	RCO	RC	H	6.3	900	450	400	25.0	250	72	60		22K	10.0	7.5	8HY
7036		PTG	SIN	T5	GA	SRC	GE	H	6.3	300	250	18	0.9	150	6				5.4	7.6	7CH
7044		TRI	TWN	T6	ONA	SRC	SY	H	12.6	450	600	400	4.5	120	36	100	19	1900	4.8	0.65	9H
7054	S	PND	SIN	T6	PA	SRC	RC	H	13.5	275	330	60	5.0	250	19	115		100K	10.2	3.5	9GK
7055		DIO	TWN	T5	DET	HIP	RC	H	13.5	155	350			117	9						6BT
7056		PND	SIN	T5	IFA	SCO	RC	H	13.5	150	330		2.0	200	10	62		600K	6.5	2.0	7CM
7057		TRI	TWN	T6	RFA	SRC	RC	H	13.5	180	275		2.2	150	10	68	36	5300	2.6	1.2	9AJ
7058		TRI	TWN	T6	GEN	SCO	RC	H	13.5	155	330		1.0	250	1	16	100	61K	1.6	0.46	9AJ
7059		PND	SIN	T6	OSC	SRC	RC	H	13.5	195	300		2.5	150	18	85	40	4700	2.7	0.4	9AE
7059		PND	TRI	T6	MIX	SRC	RC	H	13.5	195	300		2.8	250	10	52		400K	5.0	2.5	9AE
7060		TRI	PND	T6	VA	SCO	RC	H	13.5	280	300		2.5	150	9	49	40	8200	2.4	0.22	9DA
7060		PND	TRI	T6	RFA	SRC	RC	H	13.5	280	300		3.0	200	15	70		150K	7.1	2.5	9DA
7061		BEA	SIN	T6	PA	RCO	RC	H	13.5	210	345		9.0	200	38	42		60K	8.0	8.5	9EU
7077		TRI	SIN	CM	RFA	SCO	GE	H	6.3	240	250	10	1.0	250	6	90	80	8900			
7079	S#	TRI	TWN	T3	UHF	SRC	RA	H	6.3	300	165	22	1.0	100	8	50	20		1.9	0.32	8DG
7083	S#	PND	SIN	T3	VHF	SCO	RA	H	6.3	200	200	20	1.8	120	8	50		340K	5.0	3.75	FL
7105	S#	TRI	TWN	T12	PA	RCO	TS	H	12.6	1250	250	125	13.0	135	125	70	2	280	6.0	2.2	8BD
7137	S	TRI	SIN	T5	GGA	SRC	SY	H	6.3	225	150	20	2.2	150	14	85	40		6.0	4.5	7BQ
7167	S	TET	SIN	T5	VHF	SCO	WH	H	13.5	90	180	20	2.0	125	10	80		125K	4.4	2.74	7EW
7189		PND	SIN	T6	PA	RCO	AM	H	6.3	760	400	65	12.0	250	48	113		40K	10.8	6.5	9CV
7190	S#	TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K	20A		1K	1A						7FJ
7191	S#	TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K	20A		1K	1A						7FK
7192		TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K	20A		1K	1A						7FJ
7199		PND	SIN	T6	VA	SCO	RC	H	6.3	450	330		3.0	220	12	70		400K	5.0	2.0	9JT
7205	S	TET	SIN	T5	TRG	GAS	HY	C	6.3		1K	500A		550	10A						FL
7212	#	BEA	SIN	T12	PA	RCO	RC	H	6.3	1250	750	135	25.0	600	100	70			13.5	8.5	8EC
7229	S	TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7230	S#	TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7231		TET	SIN	T3	TRG	GAS	HY	C			700			550	10A						FL
7232	#	TET	SIN	T3	TRG	GAS	HY	C			1K			550	10A						FL
7236		TRI	TWN	T12	PA	RCO	TS	H	6.3	2400	300	190	15.0	120	100	125	5		9.0	3.3	8BD
7244A	#	TRI	TWN	T5	VA		SY	H	6.3	450	300	12	1.1	100	9	60	38	6300	3.0	0.34	7BF

NUMERICAL LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
7245A	#	TRI	SIN	T5	VA	SRC	SY	H	V 6.3	ma 400	V 150	ma 20	W 2.2	V 150	ma 14	μmho 110	50	ohms 4700	μuf 9.5	μuf 3.0	78Q
7258		PND	PND	T6	OSC	SRC	SY	H	13.5	210	330		2.8	150	15	45	21	4700	2.0	C.26	9DA
7258		PND	TRI	T6	RFA	SCO	SY	H	13.5	210	330		2.3	125	12	78		170K	7.0	2.4	9DA
7266	#	DIO	SIN	CM	DET	VAC	GE	H	6.3	215	600	10			2						
7296	#	TRI	SIN	CM	VHF	SCO	GE	H	6.3	400	330	20	3.3	200	15	150	80	5300	5.0	0.08	
7316	#	TRI	TWN	T6	ONA	RCC	AM	H	12.6	150	250	20	2.8	100	12	31	20	6250	1.8	0.5	9A
7318	#	TRI	TWN	T6	ONA	RCC	HY	H	12.6	175	330	22	3.0	250	12	24	16	7000	1.5	0.5	9A
7327	#	TRI	TWN	T3	ONA	RCC	SY	H	6.3	300	300		1.0	300	700				1.9	0.32	8DG
7358	#	BEA	SIN	T12	ONA	RCC	RC	H	6.3	1250	4K	3000	10.0	3K	1500	70			13.0	8.5	8EC
7370	S	TRI	TWN	T6	GEN	RCC	TS	H	40.0	130	330	65	4.8	120	36	115	18	1560	4.0	0.6	9HG
7400		TRI	SIN	T4	THY	GAS	TS	C			180	12		150	7						FL
7401		TRI	SIN	T3	THY	GAS	TS	C			180	8		150	7						FL
7408		BEA	SIN	T9	PA	RCC	WH	H	6.3	450	350		14.0	250	47	41	50K	9.0	7.5		7AC
7439		TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7440		TET	SIN	T3	TRG	GAS	HY	C			700			550	10A						FL
7441	#	TET	SIN	T3	TRG	GAS	HY	C			1K			550	10A						FL
7462	S#	TRI	SIN	CM	UHF	SCO	GE	H	6.3	240	250	10	1.0	150	7	105	94	9000	1.8	0.3	
7543	S#	PND	SIN	T5	IFA	SCO	SY	H	6.3	300	300		3.0	250	11	52		1M	5.5	5.0	78K
7550	#	TRI	TWN	T3	ONA	SRC	SY	H	6.3	525	300		2.0	300	1400				4.0	0.28	8DG
9001		PND	SIN	T5	DET	SCO		H	6.3	150	250		0.5	250	2	14		1M	3.6	3.0	78D
9002		TRI	SIN	T5	VHF	RCC		H	6.3	150	250		1.6	250	6	22	25	11K	1.2	1.1	78S
9003	S	PND	SIN	T5	RFA	RCC		H	6.3	150	250		1.7	250	7	18		700K	3.4	3.0	78D
9004		DIO	SIN	ACO	UHF	VAC		H	6.3	150	117	5									48J
9005		DIO	SIN	ACO	UHF	VAC		H	3.6	165	117	1									58G
9006		DIO	SIN	T5	UHF	VAC	RC	H	6.3	150	750	15		270							68H

NUMERICAL LISTING

5. Characteristic Listing of Data on Receiving Tubes

DATA ON RECEIVING TUBES — CHARACTERISTIC LISTING

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{om} E _{px}	MAX I _b	P _d	E _b	I _b	$\frac{gm}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
BALLAST TUBE									V	ma	ma	w	v	ma	μmho		ohms	μf	μf	
50A1		BAL	SIN	T6	REG	GAS	SY	F	50.0	54										9CM
REGULATOR																				
SINGLE DIODE																				
COLD CATHODE																				
6332	S	DIO	SIN	T2	REG	GAS	PL	C		80	6		55	500U						FL
OA3		DIO	SIN	S12	REG	GAS	RC	C		105	40		75	22						4AJ
OC2		DIO	SIN	T5	REG	GAS	RC	C		115	30		75	18						580
OB3		DIO	SIN	S12	REG	GAS	SY	C		130	30		90	18						4AJ
5644	*	DIO	SIN	T3	REG	GAS	SY	C		130	25		95	15						4CN
6140	S	DIO	SIN	T6	REG	GAS	WE	C		160	8		100	6						9BY
5787WB	*	DIO	SIN	T3	REG	GAS	RA	C		105	25		100	15						FL
OB2WA	S*	DIO	SIN	T5	REG	GAS	HY	C		133	30		108	18						580
6074	S*	DIO	SIN	T5	REG	GAS	RC	C		133	30		108	18						580
6627	S*	DIO	SIN	T5	REG	GAS	HY	C		170	30		108	18						580
6831	S	DIO	SIN	T5	REG	GAS	HY	C		133	30		108	18						FL
OC3		DIO	SIN	S12	REG	GAS	RC	C		133	40		108	22						4AJ
6142		DIO	SIN	T1	REG	GAS	BE	C		300	400U		150	238U						FL
6542	*	DIO	SIN	T3	REG	GAS	RA	C		168	25		150	15						FL
6626	S*	DIO	SIN	T5	REG	GAS	HY	C		165	30		150	18						580
6830	S*	DIO	SIN	T5	REG	GAS	HY	C		185	30		150	18						FL
OA2WA	S*	DIO	SIN	T5	REG	GAS	RC	C		185	30		151	18						580
6073	S*	DIO	SIN	T5	REG	GAS	RC	C		185	30		151	18						580
OD3	S	DIO	SIN	S12	REG	GAS	SY	C		185	40		153	22						4AJ
CK1037		DIO	SIN	T3	REG	GAS	RA	C		720	125U		700	25U						FL
5962		DIO	SIN	T5	REG	GAS	RA	C		2K	55U		700	25U						7EX
6437		DIO	SIN	T3	REG	GAS	RA	C		2K	125U		700	25U						FL
5950		DIO	SIN	T3	REG	GAS	VI	C		730	50U		700	26U						FL
CK1038		DIO	SIN	T3	REG	GAS	RA	C		915	55U		900	25U						FL
5841		DIO	SIN	T3	REG	GAS	VI	C		930	50U		900	26U						FL
CK1039		DIO	SIN	T3	REG	GAS	RA	C		1K	100U		1K	25U						FL
6438		DIO	SIN	T3	REG	GAS	RA	C		2K	125U		1K	25U						FL

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b on E_{pr}	MAX I_b	P_d	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY IN OUT	EIA BASE NO.
REGULATOR SINGLE DIODE COLD CATHODE									V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$ μf	FL FL
6143		DIO	SIN	T3	REG	GAS	V1	C			1K	1000		1K	510					FL
6119		DIO	SIN	T3	REG	GAS	V1	C			2K	1000		2K	510					FL
6931		DIO	SIN	T9	REG	GAS	PL	C			3K	5000		3K	2750					FL
REGULATOR SINGLE DIODE FILAMENTARY																				
5947		DIO	SIN	T9	REG	VAC	BE	F	4.5	1750	250	45	7.0	90	2					
REFERENCE SINGLE DIODE COLD CATHODE																				
5651WA	*	DIO	SIN	T5	REF	GAS	RC	C			115	4		85	2					580
5783WB	*	DIO	SIN	T3	REF	GAS	RA	C			91	4		86	2					FL
6308	*	DIO	SIN	T3	REF	GAS	SY	C			200	4		86	2					8EX
6213	*	DIO	SIN	T3F	REF	GAS	RA	C				2		130	2					FL
RECTIFIER SINGLE DIODE COLD CATHODE																				
6436		DIO	SIN	T3	REC	GAS	RA	C			2K	10		1K	1000					FL
CK1036		DIO	SIN	T3	REC	GAS	RA	C			3K			1K	1000					FL
CK1027	S	DIO	SIN	T5	REC	GAS	RA	C			3K	30		1K	3					58U
6659	S	DIO	SIN	T3	REC	GAS	RA	C			3K	40		1K	8					FL
6763	#	DIO	SIN	T5	REC	GAS	RA	C			3K	100		1K	12					

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
RECTIFIER SINGLE DIODE FILAMENTARY																					
1616		DIO	SIN	T16	REC	VAC	RC	F	2.5	5000	6K	800		75	130						4P
1V2		DIO	SIN	T6	REC	VAC	RC	F	0.6	300	8K	10		25	500U				0.8		9U
5642		DIO	SIN	T3	REC	VAC	SY	F	1.2	200	10K	5		8K	150U				0.6		2B
3B28	S*	DIO	SIN	T16	REC	GAS	CH	F	2.5	5000	10K	1000		3K	250						4P
4B32	S*	DIO	SIN	T18	REC	GAS	CH	F	5.0	7250	10K	5000		3K	1250						4AT
RECTIFIER SINGLE DIODE FILAMENTARY																					
122	*	DIO	SIN	T5	REC	VAC	NU	F	1.2	265	15K	8		18	2						7CB
6215		DIO	SIN	T9	REC	VAC	GE	F	1.2	200	18K	8		56	1						3C
1X2A		DIO	SIN	T6	REC	VAC	HY	F	1.2	200	20K	11		14K	175U				1.0		9Y
3B24WA		DIO	SIN	T12	REC	VAC	WE	F	5.0	3000	20K	300		200	140						3K
2V2		DIO	SIN	T11	REC	VAC	GE	F	2.5	200	21K	80		20	1						8FV
1X2B		DIO	SIN	T6	REC	VAC	SY	F	1.2	200	22K	45		18K	100U				1.0		9Y
1AX2A		DIO	SIN	T6	REC	VAC	HY	F	1.4	650	25K	11		20K	300U						9Y
1J3	S	DIO	SIN	T9	REC	VAC	GE	F	1.2	200	26K	50		50	500U				1.6		3C
1K3	S	DIO	SIN	T9	REC	VAC	GE	F	1.2	200	26K	50		50	500U				1.6		3C
2B3		DIO	SIN	T9	REC	VAC	GE	F	1.8	250	27K	50		12	500U				1.3		8H
1N2		DIO	6IN	T12	REC	VAC	SY	F	1.2	200	28K	50			500U				1.4		3C
1B3GT	S	DIO	SIN	T9	REC	VAC	RC	F	1.2	200	30K	17		35	2						3C
1G3GT	S	DIO	SIN	T9	REC	VAC	RC	F	1.2	200	33K	30		25	1						3C
3C2		DIO	SIN	T12	REC	VAC	GE	F	3.2	210	33K	80		30	1				1.4		8FV
RECTIFIER SINGLE DIODE HEATER TYPE																					
1R4		DIO	SIN	T9	REC	VAC	SY	H	1.4	150	117	1									4AH
9005		DIO	SIN	ACO	UHF	VAC			3.6	165	117	1									5BG
9004		DIO	SIN	ACO	UHF	VAC			6.3	150	117	5									4BJ
2B22		DIO	SIN	L1T	REC	HIP	GE	H	6.3	750	300			100	5						
1A3		DIO	SIN	T5	REC	VAC	RC	H	1.4	150	330	5		117	500U						5AP

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{pk}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
RECTIFIER SINGLE DIODE HEATER TYPE									V	ma	V	ma	W	V	ma	μmhos		ohms	μμf	μμf	
11723		DIO	SIN	T5	REC	VAC	TS	H	117.0	40	330	540		117	90						4CB
35W4		DIO	SIN	T5	REC	VAC	RC	H	35.0	150	330	600		117	100						58Q
50DC4		DIO	SIN	T5	REC	VAC	GE	H	50.0	150	330	720		117	110						58Q
36AM3		DIO	SIN	T5	REC	VAC	SY	H	36.0	100	365	530		117	75						58Q
5647	*	DIO	SIN	T1	DET	VAC	SY	H	6.3	150	460	60		150	9						FL
5704WA	#	DIO	SIN	T2	DET	VAC	RA	H	6.3	150	460	60		165	9						FL
7266	#	DIO	SIN	CM	DET	VAC	GE	H	6.3	215	600	10		235	2						4G
1223		DIO	SIN	S12	REC	VAC	SY	H	12.6	300	700	330		235	55						5AL
35Y4		DIO	SIN	T9	REC	VAC	SY	H	35.0	150	700	600		235	100						4Z
3523		DIO	SIN	T9	REC	VAC	PL	H	35.0	150	700	600		235	100						
3525GT		DIO	SIN	T9	REC	VAC	NU	H	35.0	150	700	600		235	100						6AD
9006		DIO	SIN	T5	UHF	VAC	RC	H	6.3	150	750	15		270	5						68H
5641	*	DIO	SIN	T3	REC	HIP	SY	H	6.3	450	920	300		235	45						6CJ
3A2		DIO	SIN	T6	REC	VAC	RC	H	3.2	220	18K	80		25	2						9DT
1H2		DIO	SIN	T6	REC	VAC	GE	H	1.4	550	24K	50		10	500U						9DT
3A3		DIO	SIN	T9	REC	VAC	RC	H	3.2	220	30K	80		35	2						8EZ
3B2		DIO	SIN	T12	REC	VAC	RC	H	3.2	220	35K	80		30	1						8GH
DAMPER SINGLE DIODE																					
17H3		DIO	SIN	T6	DA	VAC	GE	H	17.5	300	2K	450		13	75						9FK
6AX4GT	S#	DIO	SIN	T9	DA	VAC	TS	H	6.3	1200	4K	750		21	125						4CG
6W4GT	S	DIO	SIN	T9	DA	VAC	RC	H	6.3	1200	4K	750		13	125						4CG
12AX4GT	S	DIO	SIN	T9	DA	VAC	GE	H	12.6	600	4K	750		21	125						4CG
17AX4GT	S	DIO	SIN	T9	DA	VAC	GE	H	16.8	450	4K	750		21	125						4CG
25AX4GT	S	DIO	SIN	T9	DA	VAC	RA	H	25.0	300	4K	750		21	125						4CG
25W4GT	S	DIO	SIN	T9	DA	VAC	GE	H	25.0	300	4K	750		13	125						4CG
683	S	DIO	SIN	T6	DA	VAC	WH	H	6.3	1200	4K	750		22	150						98D
12B3	S	DIO	SIN	T6	DA	VAC	WH	H	12.6	600	4K	750		22	150						98D
60A4	S	DIO	SIN	T9	DA	VAC	WH	H	6.3	1200	4K	900		15	155						4CG

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{pr}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	κ										IN	OUT	
DAMPER SINGLE DIODE									V	ma	v	ma	v	ma	μmho		ohms	μμf	μμf	
12D4	S	DIO	SIN	T9	DA	VAC	WH	H	12.6	600	4K	900	5.5	15	155					4CG
17D4	S	DIO	SIN	T9	DA	VAC	WH	H	16.8	450	4K	900	5.5	15	155					4CG
25D4	S	DIO	SIN	T9	DA	VAC	SY	H	25.0	300	4K	900	5.5	15	155					4CG
6AU4GT	S	DIO	SIN	T9	DA	HIP	TS	H	6.3	1800	4K	1000	6.0	15	175					4CG
19AU4GTA	S	DIO	SIN	T9	DA	HIP	TS	H	18.9	600	4K	1050	6.0	15	175					4CG
6AF3	S	DIO	SIN	T6	DA	VAC	TS	H	6.3	1200	4K	750	6.0	20	185					9CB
12AF3	S	DIO	SIN	T6	DA	VAC	TS	H	12.6	600	4K	750	6.0	20	185					9CB
6BL4	S	DIO	SIN	T12	DA	VAC	RC	H	6.3	3000	4K	1200	8.0	12	200					8GB
6DE4	S	DIO	SIN	T9	DA	VAC	RC	H	6.3	1600	5K	1100	6.5		175					4CG
17DE4	S	DIO	SIN	T9	DA	VAC	RC	H	17.0	600	5K	1100	6.5		175					4CG
22DE4	S	DIO	SIN	T9	DA	VAC	SY	H	22.4	450	5K	1100	6.5		175					4CG
6V3A		DIO	SIN	T6	DA	VAC	PL	H	6.3	1750	6K	800	2.7	13	135					98D
6M3		DIO	SIN	T12	DA	VAC	PL	H	6.3	3000	6K	1000	8.0		320					8GV
NOISE GENERATOR																				
5722		DIO	SIN	T5	NOI	VAC	SY	F	4.9	1600	200	35	3.5	150	30					5CB
6352	*	DIO	TWN	T3	NOI	VAC	SY	F	3.0	360	275	550U		250	50U					8EY
5845		DIO	TWN	T5	NOI	VAC	SY	F	4.3	435	300	2	1.8	300	500U				0.6	5CA
DIODE TWIN COLD CATHODE																				
0Z4G	S	DIO	TWN	T7	REC	GAS	RA	C			1K	200	300	75						4R
CK1024		DIO	TWN	MT8	REC	GAS	RA	C			1K	480	500	160						4R
DIODE TWIN FILAMENTARY																				
1237		DIO	TWN	T9	REC	GAS	SY	F	2.5	1130	100	15A		20	3000					5AQ
CK1005		DIO	TWN	MT8	REC	GAS	RA	F	6.3	50	450	210		225	35					8DX
CK1007		DIO	TWN	MT8	REC	GAS	RA	F	1.0	1200	980	330		330	110					8EA
6004		DIO	TWN	T9	REC	VAC	HY	F	5.0	2000	1K	375		375	120					5T
5Y3WGTA	S*	DIO	TWN	T9	REC	VAC	RC	F	5.0	2000	1K	400		400	125					

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{pk}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.	
							REG.	K											IN	OUT		
DIODE TWIN FILAMENTARY																						
5Y4GA	S	DIO	TWN	T12	REC	VAC	SY	F	5.0	2000	1K	400		350	125						5Q	
5Z3		DIO	TWN	S16	REC	VAC	RC	F	5.0	3000	1K	675		450	225						4C	
5AU4		DIO	TWN	T12	REC	VAC	GE	F	5.0	3750	1K	1075		400	325						5T	
5V3		DIO	TWN	T12	REC	VAC	SY	F	5.0	3800	1K	1000		425	350						5T	
CK1006		DIO	TWN	S14	REC	GAS	RA	F	1.8	2000	2K	600		800	200						4C	
5931	S#	DIO	TWN	T12	REC	VAC	SY	F	5.0	3000	2K	2500		450	225						5T	
5AW4		DIO	TWN	T12	REC	VAC	HY	F	5.0	3700	2K	750		450	250						5T	
5U4GA		S	DIO	TWN	T11	REC	VAC	GE	F	5.0	3000	2K	900		450	250					5T	
5AS4A		S	DIO	TWN	S16	REC	VAC	RC	F	5.0	3000	2K	1000		450	275					5T	
5R4GYA		S	DIO	TWN	T12	REC	VAC	GE	F	5.0	2000	3K	650		900	150					5T	
DIODE TWIN HEATER TYPE																						
2EN5	S	DIO	TWN	T5	DET	VAC	PL	H	2.1	450	5			3	10				3.7		7FL	
6663		DIO	TWN	T5	DET	HIP	GE	H	6.3	300	275	60			2	10			2.5		68T	
6919		DIO	TWN	T5	GA	HIP	GE	H	6.3	200	300	30			117	9			2.5		68T	
3AL5		DIO	TWN	T5	DET	HIP	GE	H	3.2	600	330	54			117	9			2.5		68T	
6AL5	S	DIO	TWN	T5	DET	HIP	RC	H	6.3	300	330	54			117	9					68T	
12AL5	S	DIO	TWN	T5	DET	HIP	HY	H	12.6	150	330	54			117	9			2.5		68T	
7055		DIO	TWN	T5	DET	HIP	RC	H	13.5	155	350	60			117	9					68T	
5829WA		*	DIO	TWN	T3F	REC	VAC	RA	H	6.3	150	360	28			117	5			2.7		FL
5726		S*	DIO	TWN	T5	REC	VAC	RA	H	6.3	300	360	60			117	9			3.2		68T
6887		DIO	TWN	T5	ONA	HIP	RC	H	6.3	200	360	30			2	10			2.2		68T	
6AZ5	S	DIO	TWN	T3	GEN	VAC	SY	H	6.3	150	420	24			150	4			1.6		8DF	
6H6GT		DIO	TWN	T9	REC	VAC	HY	H	6.3	300	420	48			117	8					7Q	
7A6		S	DIO	TWN	T9	REC	VAC	PL	H	6.3	150	420	48			150	8					7AJ
12H6GT		S	DIO	TWN	T9	REC	VAC	RC	H	12.6	150	420	48			117	8					7Q
6184	*	DIO	TWN	T3	UHF	HIP	NU	H	6.3	150	450	50			150	8			2.5		8EH	

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b F _{pm}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
DIODE TWIN HEATER TYPE									V	V	ma	W	V	ma	μmho		ohms	μμf	μμf	
6110	* S*	DIO	TWN	T3	DET	VAC	SY	H	6.3	150	26		150	4				1.5	2.4	8DJ
5896	S*	DIO	TWN	T3	DET	VAC	SY	H	6.3	300	60		150	9					3.0	8DJ
5903	S*	DIO	TWN	T3	DET	HIP	SY	H	26.5	75	60		165	9						8DJ
6EB5		DIO	TWN	T5	REC	VAC	PL	H	6.3	300	40			6						6BT
11726GT		DIO	TWN	T9	REC	VAC	HY	H	117.0	75	360		117	60						7Q
2526GT	S	DIO	TWN	T9	REC	VAC	HY	H	25.0	300	450		117	75						7Q
50X6	S	DIO	TWN	T9	REC	VAC	SY	H	50.0	150	450		117	75						7AJ
50Y6GT	S	DIO	TWN	T9	REC	VAC	HY	H	50.0	150	450		117	75						7Q
5838	S	DIO	TWN	T9	REC	VAC	BE	H	12.6	600	1K		400	50						6S
5839	S*	DIO	TWN	T9	REC	VAC	BE	H	26.5	255	1K		400	50						6S
5852	S*	DIO	TWN	T9	REC	VAC	BE	H	6.3	1200	1K		400	50						6S
6202	S*	DIO	TWN	T5	REC	VAC	GE	H	6.3	600	1K		325	50						5BS
6X4WA	S*	DIO	TWN	T5	REC	VAC	TS	H	6.3	600	1K		325	70						5BS
6X5WGT	S*	DIO	TWN	T9	REC	VAC	HY	H	6.3	600	1K		325	70						6S
7Y4	S	DIO	TWN	T9	REC	VAC	PL	H	6.3	500	1K		325	70						5AB
12X4	S	DIO	TWN	T5	REC	VAC	TS	H	12.6	300	1K		325	70						5BS
5993	S*	DIO	TWN	T6	REC	VAC	BE	H	6.3	800	1K		325	70						9AZ
6203	S*	DIO	TWN	T6	REC	VAC	GE	H	6.3	900	1K		325	70						9CD
6754	S*	DIO	TWN	T6	REC	VAC	BE	H	6.3	1000	1K		325	90						9ET
68W4	S	DIO	TWN	T6	REC	VAC	SY	H	6.3	900	1K		325	100						9DJ
724	S	DIO	TWN	T9	REC	VAC	SY	H	6.3	900	1K		325	100						5AB
12BW4	S	DIO	TWN	T6	REC	VAC	SY	H	12.6	450	1K		325	100						9DJ
12DF5		DIO	TWN	T6	REC	VAC	SY	H	12.6	450	1K		325	100						9BS
2625W	#	DIO	TWN	T6	REC	VAC	TS	H	26.5	200	1K		325	100						9BS
5690	S*	DIO	TWN	T12	REC	VAC	RC	H	12.6	1200	1K		700	110						6S
524	S	DIO	TWN	MT8	REC	VAC	RC	H	5.0	2000	1K		350	125						5L
6AX5GT	S	DIO	TWN	T9	REC	VAC	RC	H	6.3	1200	1K		350	125						6S
6087	S*	DIO	TWN	T9	REC	VAC	GE	H	5.0	2000	1K		350	125						5L
5V4G	S	DIO	TWN	S14	REC	VAC	SY	H	5.0	2000	1K		375	175						5L
6106	S*	DIO	TWN	T9	REC	VAC	BE	H	5.0	1700	2K		350	125						5L

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG. K	CATH.	E_f	I_f	MAX E_b -om cpx	MAX I_b	ρ_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY IN OUT	EIA BASE NO.
DIODE TWIN HEATER TYPE									V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$ $\mu\mu f$	
6853	S#	DIO	TWN	T9	REC	VAC	BE	H	5.0	1700	2K	415		350	125					5L
5AT4		DIO	TWN	S16	REC	VAC	CH	H	5.0	4250	2K	2000		550	800					5L
6BY5GA		DIO	TWN	T12	DA	VAC	SY	H	6.3	1600	3K	525			175					6CN
DIODE MULTIPLE																				
6BJ7		TRD	SIN	T6	DET	VAC	GE	H	6.3	450	330	10								9AX
6BC7		TRD	SIN	T6	DET	HIP	PL	H	6.3	450	330	54		2	12					9AX
6AN6		DIO	TRD	T5	REC	VAC	SY	H	6.3	200	210	45		75	3					7BJ
DIODE WITH TRIODE																				
1H5GT		DIO	TRI	T9	DET	VAC	HY	F	1.4	50										5Z
DIODE WITH DISSIMILAR DUAL TRIODE																				
12DW8		DIO	DTR	T6	DET	VAC	PL	H	12.6	450			0.5							9JC
DIODE TWIN WITH TRIODE																				
6AQ6	S	DWD	TRI	T5	DET	VAC	RC	H	6.3	150		1								7BT
12FK6		DWD	TRI	T5	DET	VAC	RC	H	12.6	150		1								7BT
12FM6		DWD	TRI	T5	DET	VAC	RA	H	12.6	150		1								7DT
12FT6		DWD	TRI	T5	DET	VAC	HY	H	12.6	150		1								7BT
18FY6		DWD	TRI	T5	DET	VAC	SY	H	18.0	100		1								7BT
18GE6		DWD	TRI	T5	DET	VAC	SY	H	18.0	100		1								8T
26C6	S	DWD	TRI	T5	DET	VAC	RC	H	26.5	70										7BT
3AV6	S	DWD	TRI	T5	DET	VAC	SY	H	3.2	600										7BT
6AT6	S	DWD	TRI	T5	DET	VAC	RC	H	6.3	300										7BT
6AV6	S	DWD	TRI	T5	DET	VAC	NU	H	6.3	300										7BT

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b E _{cm} E _{px}	MAX I _b	P _p	E _b	I _b	$\frac{gm}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
DIODE TWIN WITH TRIODE									V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$	$\mu\mu f$	
68F6	S	DWD	TRI	T5	DET	VAC	RC	H	6.3	300						1					78T
68K6	S	DWD	TRI	T5	REC	HIP	SY	H	6.3	300						1					78T
6SQ7GT	S	DWD	TRI	T9	DET	VAC	HY	H	6.3	300						1					8Q
12AE6A	S	DWD	TRI	T5	DET	VAC	TS	H	12.6	150						1					78T
12AJ6	S	DWD	TRI	T5	DET	VAC	TS	H	12.6	150						1					78T
12AT6	S	DWD	TRI	T5	DET	VAC	RC	H	12.6	150						1					78T
12AV6	S	DWD	TRI	T5	DET	VAC	RC	H	12.6	150						1					78T
12BF6	S	DWD	TRI	T5	DET	VAC	TS	H	12.6	150						1					78T
12BK6	S	DWD	TRI	T5	REC	HIP	SY	H	12.6	150						1					78T
12DV7	S	DWD	TRI	T6	DET	VAC	SY	H	12.6	150						1					9JY
12EL6	S	DWD	TRI	T5	DET	VAC	SY	H	12.6	150						1					7F5
12SQ7GT	S	DWD	TRI	T9	DET	VAC	HY	H	12.6	150						1					8Q
26BK6	S	DWD	TRI	T5	REC	HIP	TS	H	26.5	70						1					78T
7K7	S	DWD	TRI	T9	DET	VAC	RA	H	6.3	300					2	2					88F
6CN7	S	DWD	TRI	T6	DET	VAC	GE	H	6.3	300					5	5				3.6	9EN
8CN7	S	DWD	TRI	T6	DET	VAC	GE	H	8.4	225					5	5				3.6	9EN
6FM8	S	DWD	TRI	T6	REC	VAC	GE	H	6.3	450					54	9					9KR
68J8	S	DWD	TRI	T6	REC	VAC	SY	H	6.3	600					54	9					9ER
68N8	S	DWD	TRI	T6	DET	VAC	SY	H	6.3	600					54	9				1.9	9ER
88N8	S	DWD	TRI	T6	DET	VAC	SY	H	8.4	450					54	9				1.9	9ER
68V8	S	DWD	TRI	T6	DET	VAC	GE	H	6.3	600						10				2.4	9FJ
9BR7	S	DWD	TRI	T6	DET	HIP	PL	H	9.4	300	300	60			17				1.8		9CF
12BR7A	S	DWD	TRI	T6	DET	HIP	PL	H	12.6	225	300	60			17				1.8		9CF
DIODE WITH TETRODE																					
12EM6		DIO	TET	T6	DET	VAC	RA	H	12.6	500		10									9HV

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REQ.	K											μμf	OUT	
DIODE TWIN WITH TETRODE									V	ma	V	ma	W	V	ma	μmho		ohms	μμf		
12DK7		DWD	TET	T6	DET	VAC	RA	H	12.6	500		1									9HZ
12DU7		DWD	TET	T6	DET	VAC	SY	H	12.6	275					1						9JX
12DL8		DWD	TET	T6	DET	VAC	TS	H	12.6	550		5			3				1.6	1.6	9HR
12DS7A		DWD	TET	T6	DET	VAC	RC	H	12.6	400		5		10	3						9JU
12DV8		DWD	TET	T6	DET	VAC	GE	H	12.6	375		5			3				1.7		9HR
12J8		DWD	TET	T6	DET	VAC	SY	H	12.6	325					5						9GC
DIODE TRIPL WITH TRIODE																					
5T8	S	TRD	TRI	T6	DET	HIP	GE	H	4.7	600					5						9E
6T8		TRD	TRI	T6	DET	HIP	GE	H	6.3	450					5						9E
19T8	S	TRD	TRI	T6	DET	HIP	GE	H	18.9	150					5						9E
19C8		TRD	TRI	T6	DET	HIP	PL	H	18.9	150					6						9E
6V8	S	TRD	TRI	T6	DET	HIP	PL	H	6.3	450					10					5.2	9AH
19V8	S	TRD	TRI	T6	DET	HIP	PL	H	18.9	150					10						9AH
DIODE WITH PENTODE																					
12DE8		DIO	PND	T6	DET	VAC	TS	H	12.6	200		5									9HG
1DN5		DIO	PND	T5	DET	VAC	TS	F	1.4	50					250U						68W
1S5	S	DIO	PND	T5	DET	VAC	RC	F	1.4	50					250U						6AU
1U5	S	DIO	PND	T5	DET	VAC	NU	F	1.4	50					250U						68W
1AJ5		DIO	PND	T3F	DET	VAC	RA	F	1.2	40					1						FL
6SF7	S	DIO	PND	MT8	DET	VAC	RC	H	6.3	300											7AZ
12SF7	S	DIO	PND	MT8	DET	VAC	RC	H	12.6	150					1						7AZ
1AK5		DIO	PND	T3F	DET	VAC	RA	F	1.2	20					2						FL
6CR6	S	DIO	PND	T5	DET	VAC	TS	H	6.3	300					2						7EA
12CR6	S	DIO	PND	T5	DET	VAC	TS	H	12.6	150					2						7EA

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{cm} E _{px}	MAX I _b	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
DIODE WITH PENTODE									V	MA	MA	W	V	MA	μmho		ohms	μμf	μμf	
	5AM8	S	DIO	PND	T6	DET	HIP	SY	H	4.7	600									9CY
	6AM8	S	DIO	PND	T6	DET	HIP	SY	H	6.3	450									9CY
	5AS8	S	DIO	PND	T6	DET	HIP	RC	H	4.7	600									9DS
	6AS8	S	DIO	PND	T6	DET	HIP	RC	H	6.3	450									9DS
	70L7GT		DIO	PND	T9	REC	VAC	RC	H	70.0	150		117	70						8AA
DIODE TWIN WITH PENTODE	117L7GT	S	DIO	PND	T9	REC	VAC	TS	H	117.0	90		117	75						8AO
	6BY8		DIO	PND	T6	DET	HIP	PL	H	6.3	600			45						9FN
TRIODE SINGLE	12C8	S	DWD	PND	MT8	DET	VAC	RC	H	12.6	150									8E
	5BT8	S	DWD	PND	T6	DET	VAC	WH	H	4.7	600									9FE
	6BT8	S	DWD	PND	T6	DET	VAC	WH	H	6.3	450									9FE
	12F8		DWD	PND	T6	DET	VAC	TS	H	12.6	150									9FH
	14R7		DWD	PND	T9	DET	VAC	SY	H	12.6	150									8AE
	5BW8		DWD	PND	T6	DET	VAC	GE	H	4.7	600									9HK
	6BW8		DWD	PND	T6	DET	VAC	GE	H	6.3	450									9HK
	5517		TRI	SIN	T5	REC	GAS	RA	C				1K	12						58U
	6141		TRI	SIN	T6	REG	GAS	WE	C				100	22						98Z
	6174		TRI	SIN	T5	REC	GAS	RA	C				1K	3						58U
	6877	#	TRI	SIN	T6	PA	RCO	BE	H	6.3	800	12.0	100	75	65					9GB
	5987	#	TRI	SIN	T3	PA	RCO	SY	H	6.3	450	4.0	100	9	18			2.8	1.5	8DM
	2A3	S	TRI	SIN	S16	PA	RCO	RC	F	2.5	2500	15.0	250	60	52	4	800	7.5	5.5	4D
	6A3	S	TRI	SIN	S16	PA	RCO	SY	F	6.3	1000		250	60	52	4	800			4D
	5930	S#	TRI	SIN	T12	PA	RCO	SY	F	2.5	2500	15.0	250	60	52	4	800			4D
	12B4A		TRI	SIN	T6	VDA	RCO	GE	H	12.6	300	5.5	150	34	63	6	1030	5.0	1.5	9AG
	6CK4		TRI	SIN	T9	VDA	RCO	SY	H	6.3	1250	12.0	250	40	55	7	1200	8.0	1.8	8JB

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E _f	I _f ma	MAX E _b E _{cm} E _{pr}	MAX I _b ma	P _p w	E _b v	I _b ma	g _m 100 μmho	μ	r _p ohms	CAPACITY		EIA BASE NO.
																		IN	OUT	
TRIODE SINGLE								v	ma	v	ma	w	v	ma	μmho		ohms	μμf	μμf	
6029		TRI	SIN	T3F	UHF	RCO	RA	F	200	135	14	1.0	90	11	20	8	1780	1.3	1.8	FL
6AH4GT		TRI	SIN	T9	VDA	RCO	SY	H	750	500	180	7.5	250	30	45	8	11K	7.0	1.7	8EL
1G4GT		TRI	SIN	T9	VA	RCO	GE	F	50	110	4	0.4	68	2	8	9	11K	2.2	3.4	55
6286		TRI	SIN	T3F	OSC	SRC	RA	F	125	100	7	0.4	68	6	21	12	1860	1.3	2.1	FL
2T4	S	TRI	SIN	T5	OSC	SRC	SY	H	600	200	30	3.5	80	18	70	13	1860	2.9	0.2	7DK
6T4		TRI	SIN	T5	UHF	SRC	SY	H	225	200	30	3.5	80	18	70	13	1860	2.9	0.25	7DK
1LE3		TRI	SIN	T9	GEN	RCO	SY	F	50	110	1	0.4	90	1	8	14	19K	1.7	3.0	4AA
5610		TRI	SIN	T5	GEN	SRC	GE	H	150	300	11	3.0	90	17	40	14	3500			6CG
5676		TRI	SIN	T3F	UHF	SRC	RA	F	120	150	11		135	4	16	15				FL
6050		TRI	SIN	T3F	UHF	SRC	RA	F	120	150	11		135	4	16	15		1.2	1.9	FL
6946	#	TRI	SIN	T3	GEN	SRC	SY	H	175	250	15	1.5	100	9	38	16		1.6	0.75	8DK
6S4A		TRI	SIN	T6	VA	RCO	RC	H	600	500	105	7.5	250	26	45	16	3600	4.2	0.9	9AC
5977	*	TRI	SIN	T3	GEN	SRC	SY	H	150	180	22	3.3	100	10	45	16		2.0	0.8	8CK
2AF4A	S	TRI	SIN	T5	UHF	SRC	RC	H	600	150	28	2.2	100	20	75	16	2130	2.2	0.45	7DK
3AF4A	S	TRI	SIN	T5	UHF	SRC	GE	H	450	150	28	2.2	100	20	75	16	2130	2.2	0.45	7DK
6AF4A	S	TRI	SIN	T5	UHF	SRC	RC	H	225	150	28	2.2	100	20	75	16	2130	2.2	0.45	7DK
6C4WA	S*	TRI	SIN	T5	OSC	RCO	RC	H	150	330	20	3.8	250	10	22	17	7700	1.7	1.1	68G
6100	S*	TRI	SIN	T5	VA	RCO	GE	H	150	330	20	3.8	250	10	22	17	7700	1.8	1.3	68G
6135	S*	TRI	SIN	T5	GEN	RCO	GE	H	175	300	25	3.5	250	10	22	17	7700	1.5	0.7	68G
6152	#	TRI	SIN	T3F	UHF	SRC	RA	H	200	180	22	1.1	100	10	51	18		2.9	1.28	FL
6C5		TRI	SIN	MT8	GEN	RCO	RC	H	300	300		2.5	250	8	20	20	10K	3.0	1.0	6Q
6J5WGT	S	TRI	SIN	T9	GEN	RCO	HY	H	300	330	20	2.8	250	9	26	20	7700			6Q
12G4	S	TRI	SIN	T5	GEN	RCO	SY	H	150	300		2.5	250	9	26	20	7700	2.4	0.9	68G
12H4	S	TRI	SIN	T5	GEN	RCO	SY	H	150	300		2.5	250	9	26	20	7700	2.4	0.9	7DW
12J5WGT	S	TRI	SIN	T9	GEN	RCO	GE	H	150	330	20	2.8	250	9	26	20	7700			6Q
6AK4	S	TRI	SIN	T3	UHF	RCO	SY	H	150	250	20	3.0	200	10	38	20	5300	1.9	0.8	8DK
5904	*	TRI	SIN	T3	VA	SCO	SY	H	45	55	22		26	3	50	20		2.2	0.8	8DK
12A4		TRI	SIN	T6	VDA	RCO	HY	H	300	450	105	5.9	250	23	80	20	2500	4.9	0.9	9AG
5971		TRI	SIN	T3F	VHF	SCO	RA	F	80	90	5		68	4	21	23		1.6	1.7	FL
955		TRI	SIN	ACO	RFA	RCO	RC	H	150	250		1.6	250	6	22	25	11K			58C

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{pr}	MAX I _b	P _p	E _b	I _b	gm. 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG. K												IN	OUT	
TRIODE SINGLE								V	ma	V	ma	W	V	ma	μmho		ohms	μμf	μμf		
9002	*	TRI	SIN	T5	VHF	RCO	H	6.3	150	250	1.6	250	6	22	25	11K	1.2	1.1	7BS		
5703WB	*	TRI	SIN	T3	UHF	SRC	RA	6.3	200	200	1.5	120	9	50	26	4650	2.6	0.85	FL		
6221	#	TRI	SIN	T3	VA	SCO	SO	6.3	175	165	2.2	3.3	100	8	58	27	2.2	0.9	8HF		
5718	*	TRI	SIN	T3	UHF	SRC	SY	6.3	150	165	2.2	3.3	150	13	65	27	2.2	0.7	8DK		
6263	*	TRI	SIN	PEN	UHF	RCO	RC	6.0	280	400	70	13.0	350	40	70	27					
6814	#	TRI	SIN	T3	ONV	SRC	SY	6.3	150	165	2.2	100	10	60	29	4800	2.2	0.7	8DK		
6264	*	TRI	SIN	PEN	UHF	SRC	RC	6.0	280	400	70	13.0	350	35	68	40					
7137	S	TRI	SIN	T5	GGA	SRC	SY	6.3	225	150	20	2.2	150	14	95	40	6.0	4.5	78Q		
6AJ4	S	TRI	SIN	T6	UHF	SRC	GE	6.3	225	150	20	2.0	125	16	100	42	4200		9BX		
2BN4	S	TRI	SIN	T5	VHF	SCO	GE	2.3	600	275	22	2.2	150	9	68	43	3300	3.2	1.4	7EG	
3BN4	S	TRI	SIN	T5	VHF	SCO	GE	3.0	450	275	22	2.2	150	9	68	43	3300	3.2	1.4	7EG	
6BN4	S	TRI	SIN	T5	VHF	SCO	GE	6.3	200	275	22	2.2	150	9	68	43	3300	3.2	1.4	7EG	
5842	S	TRI	SIN	T6	GGA	SCO	WE	6.3	300	200	38	4.5	130	27	270	43	1600	9.0	1.8	9V	
6BC4	#	TRI	SIN	T6	UHF	SRC	RC	6.3	225	250	25	2.5	150	14	100	48	4800	2.9	0.26	9DR	
7245A	#	TRI	SIN	T5	VA	SRC	SY	6.3	400	150	20	2.2	150	14	110	50	9.5	3.0	78Q		
6533WA	S*	TRI	SIN	T3	VA	SCO	RA	6.3	200	150	2	0.5	120	9000	18	54	1.75	0.6	8FY		
6JA4A	S*	TRI	SIN	T5	UHF	SCO	RC	6.3	400	150	20	2.2	150	15	120	55	4500			78Q	
5876	S	TRI	SIN	PEN	UHF	SCO	RC	6.3	135	300	25	6.2	250	18	65	56	8625				
6247WA	S*	TRI	SIN	T3	VA	SRC	RA	6.3	200	275	6	1.2	250	4	26	60	2.0	0.7	8FO		
6AB4	#	TRI	SIN	T5	GEN	SRC	GE	6.3	150	300	2	2.5	250	10	55	60	2.2	0.5	5CE		
6222	#	TRI	SIN	T3	VA	SCO	SO	6.3	175	165	3	0.6	100	7000	17	70	4120	2.0	0.9	8HF	
6AD4	*	TRI	SIN	T3	VA	SCO	SY	6.3	150	150	2	0.3	100	1	20	70	35K	1.9	2.2	8DK	
5719	*	TRI	SIN	T3	AFA	SCO	SY	6.3	150	165	3	0.6	150	2	23	70	1.7	0.6	8DK		
5744WB	*	TRI	SIN	T3	UHF	SCO	RA	6.3	200	275	6	1.3	250	4	40	70	2.7	2.3	FL		
6BA4	#	TRI	SIN	ROK	UHF	UHF	SY	6.3	400	200	20		150	10	80	70					
6AN4	S	TRI	SIN	T5	UHF	SCO	SY	6.3	225	300	30	4.0	200	13	100	70	2.9	0.3	7DK		
7077	#	TRI	SIN	CM	RFA	SCO	GE	6.3	240	250	10	1.0	250	6	90	80	8900				
7296	#	TRI	SIN	CM	VHF	SCO	GE	6.3	400	330	20	3.3	200	15	150	80	5300	5.0	0.08	9BX	
6AM4	S*	TRI	SIN	T6	MIX	SCO	GE	6.3	225	200	2	2.0	200	10	98	85	8700				
7462	S*	TRI	SIN	CM	UHF	SCO	GE	6.3	240	250	10	1.0	150	7	105	94	9000	1.8	0.3		

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E_f	I_f	MAX E_b Epx	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
TRIODE TWIN								V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	$\mu\mu f$	$\mu\mu f$		
7327	#	TRI	TWN	T3	ONA			6.3	300	300		1.0	300	700				1.9	0.32	8DG	
7550	#	TRI	TWN	T3	ONA	SRC	SY H	6.3	525	300		2.0	300	1400				4.0	0.28	8DG	
6AS7GA	S	TRI	TWN	T12	PA	RCO	RC H	6.3	2500	250	125	13.0	135	125	70	2	280	6.5	2.2	88D	
6080WA	S*	TRI	TWN	T12	PA	RCO	RC H	6.3	2500	250	125	13.0	135	125	70	2	280	6.0	2.2	88D	
6082	S	TRI	TWN	T12	PA	RCO	RC H	26.5	600	250	125	13.0	135	125	70	2	280	6.0	2.2	88D	
6520	S	TRI	TWN	S16	PA	RCO	CH H	6.3	2500	300	125	14.0	135	112	70	2	280	8.4	2.2	86D	
7105	S*	TRI	TWN	T12	PA	RCO	TS H	12.6	1250	250	125	13.0	135	125	70	2	280	6.0	2.2	88D	
7236	S*	TRI	TWN	T12	PA	RCO	TS H	6.3	2400	300	190	15.0	120	100	125	5		9.0	3.3	88D	
5998	S*	TRI	TWN	S16	VA	RCO	BT H	6.3	2400	275	140	15.0	120	87	140	6				88D	
6BX7GT	S	TRI	TWN	T9	VDA	RCO	SY H	6.3	1500	500	180	10.0	250	42	76	10	1300	4.4	1.1	88D	
3A5		TRI	TWN	T5	VA	SRC	RC F	2.8	110	135	5	0.5	90	4	18	15	8300	0.9	1.0	78C	
6BL7GT	S	TRI	TWN	T9	VDA	RCO	SY H	6.3	1500	500	210	10.0	250	40	70	15	2150	4.2	0.9	88D	
12AH7GT		TRI	TWN	T9	AFA	SRC	GE H	12.6	150	180		1.5	180	8	19	16	8400			88E	
6955	#	TRI	TWN	T6	GEN	RCO	HY H	12.6	175	300	20	2.8	250	12	24	16	7000	1.5	0.5	9A	
7318		TRI	TWN	T6	ONA	RCO	HY H	12.6	175	330	22	3.0	250	12	24	16	7000	1.5	0.5	9A	
5967		TRI	TWN	T3	VHF	SCO	RA F	1.2	120	50	4			3	20	17		0.9	0.9	8DQ	
7AU7	S	TRI	TWN	T6	AFA	RCO	GE H	7.0	300	300	60	2.8	250	10	22	17	7700	1.6	0.4	9A	
9AU7	S	TRI	TWN	T6	AFA	RCO	GE H	9.4	225	300	60	2.8	250	10	22	17	7700	1.6	0.4	9A	
12AU7A	S	TRI	TWN	T6	AFA	RCO	PL H	12.6	150	300	60	2.8	250	10	22	17	7700	1.6	0.4	9A	
5814A	S*	TRI	TWN	T6	GEN	RCO	GE H	12.6	175	330	22	3.0	250	10	22	17	7700	1.6	0.5	9A	
6189	S*	TRI	TWN	T6	AFA	RCO	SY H	12.6	150	330	22	3.0	250	10	22	17	7700	1.6	0.4	9A	
6680	S	TRI	TWN	T6	AFA	RCO	GE H	12.6	150	330	22	3.0	250	10	22	17	7700	1.6	0.4	9A	
12BH7A	S	TRI	TWN	T6	VDA	SRC	HY H	12.6	300	500	20	3.5	250	12	31	17	5300	3.3	0.8	9A	
6386	#	TRI	TWN	T6	CA	SRC	GE H	6.3	350	300	18	1.5	100	10	40	17	4250	2.0	1.1	8CJ	
6350	S	TRI	TWN	T6	ONA	SRC	SY H	12.6	300	300	300	3.5	150	11	46	18	3900	3.6	0.6	9CZ	
6913	S	TRI	TWN	T6	ONA	SRC	SY H	12.6	300	300	300	3.5	150	11	46	18	3900	3.6	0.5	9A	
5687WA	S*	TRI	TWN	T6	GEN	RCO	TS H	12.6	450	330	65	3.8	120	36	115	18		4.0	0.6	9H	
6900	S	TRI	TWN	T6	GEN	SRC	BE H	12.6	450	330		4.2	120	36	115	18				9H	
7370	S	TRI	TWN	T6	GEN	RCO	TS H	40.0	130	330	65	4.8	120	36	115	18	1560	4.0	0.6	9HG	
7044		TRI	TWN	T6	ONA	SRC	SY H	12.6	450	600	400	4.5	120	36	100	19	1900	4.8	0.65	9H	

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E_f	I_f	MAX E_b on Epx	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
							REC.	K											IN	OUT	
TRIODE TWIN									V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	$\mu\mu f$	$\mu\mu f$	
12U7	S	TRI	TWN	T6	GEN	SCO	TS	H	12.6	150	30	15		13	1	16	20	12K	1.6	0.4	9A
3B7	S	TRI	TWN	T9	UHF	SRC	SY	F	2.8	110	180	15	2.7	135	11	19	20		1.4	1.8	7BE
5692	S	TRI	TWN	T9	VA	RCO	RC	H	6.3	600	275	15	1.8	250	6	22	20	9100	2.3	2.2	88D
6CG7	S	TRI	TWN	T6	GEN	RCO	RC	H	6.3	600	300	20	3.5	250	9	26	20	7700	2.3	2.2	9AJ
6SN7GTB	S	TRI	TWN	T9	GEN	RCO	RC	H	6.3	600	450	70	5.0	250	9	26	20	7700	2.2	0.7	88D
8CG7	S	TRI	TWN	T6	GEN	RCO	GE	H	8.4	450	300	20	3.5	250	9	26	20	7700	2.3	2.2	9AJ
8SN7GTB	S	TRI	TWN	T9	GEN	RCO	SY	H	8.4	450	450	70	5.0	250	9	26	20	7700	2.2	0.7	88D
12SN7GTA	S	TRI	TWN	T9	GEN	RCO	GE	H	12.6	300	450	70	5.0	250	9	26	20	7700	2.2	0.7	88D
7316	*	TRI	TWN	T6	ONA	RCO	AM	H	12.6	150	250	20	2.8	100	12	31	20	6250	1.8	0.5	9A
6111	*	TRI	TWN	T3	VA	SRC	SY	H	6.3	300	165	22	1.1	100	8	50	20	4000	1.9	0.28	8DG
7079	S	TRI	TWN	T3	UHF	SRC	RA	H	6.3	300	165	22	1.0	100	8	50	20		1.9	0.32	8DG
6463	#	TRI	TWN	T6	ONA	SRC	GE	H	12.6	300	300	300	4.0	250	14	52	20	3850	3.0	0.6	9CZ
6840	#	TRI	TWN	T6	ONA	SRC	GE	H	12.6	400	300	500	4.0	250	14	67	20	3000	4.0	0.7	9CZ
5963	S	TRI	TWN	T6	ONA	SRC	RC	H	12.6	150	250	100	2.5	68	7	28	22	7850	1.9	0.5	9A
5920	S	TRI	TWN	T5	VA	SCO	AM	H	6.3	400	150	20	1.5	100	8	55	25		3.1	0.3	78F
48X8	S	TRI	TWN	T6	CA	SCO	WH	H	4.5	600	150	20	2.0	65	9	67	25		2.4	1.25	9AJ
68X8	S	TRI	TWN	T6	VHF	SCO	WH	H	6.3	400	150	20	2.0	65	9	67	25		2.4	1.25	9AJ
6832	#	TRI	TWN	T3	VA	SCO	RA	H	6.3	400	165	3	0.1	100	800U	10	26				8DG
1216	S	TRI	TWN	T5	ONA	SRC	SY	H	6.3	300	175	9	0.5	100	5	34	27	7950	2.4	0.5	78F
6211	S	TRI	TWN	T6	ONA	SRC	RC	H	12.6	150	200	16	1.0	100	5	36	27	7500	2.9	0.54	9A
5844	S	TRI	TWN	T5	ONA	SRC	GE	H	6.3	300	200	10	1.0	100	5	37	28	7550	2.6	0.5	78F
5608	S	TRI	TWN	S14	VA	SRC	RA	H	2.5	5000	350	30	5.5	300	6	24	32	13K			7B
6FW8	S	TRI	TWN	T6	CA	SRC	RC	H	6.3	400				125	15	125	33	2600	3.4	2.4	9AJ
6947	#	TRI	TWN	T3	GEN	SRC	SY	H	6.3	350	250	13	0.8	150	6	40	35		1.6	0.2	8DG
68F7W	S	TRI	TWN	T3	GEN	SRC	SY	H	6.3	300	110		1.0	100	8	48	35	7000	2.0	0.28	8DG
6385	S	TRI	TWN	T6	GEN	SRC	BE	H	6.3	500	300	25	1.5	150	8	50	35				8CJ
6854	S	TRI	TWN	T6	VA	SRC	BE	H	6.3	500	300	20	1.5	150	8	52	35	6500	2.4	1.1	9FV
6021	S	TRI	TWN	T3	UHF	SCO	SY	H	6.3	300	165	22	1.1	100	6	54	35	6500	2.4	0.28	8DG
2C51	S	TRI	TWN	T6	GEN	SRC	BT	H	6.3	300	300	18	1.5	150	8	55	35		2.2	1.0	8CJ
407A	#	TRI	TWN	T6	GEN	SRC	SY	H	40.0	50	330	18	1.6	150	8	55	35		2.2	1.0	

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b V	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
TRIODE TWIN																					
5670WA	S*	TRI	TWN	T6	GEN	SRC	GE	H	350	330	18	1.6	150	8	55	35	6400	2.2	1.0	8CJ	
48C8	S	TRI	TWN	T6	CA	SRC	SY	H	600	250	20	2.0	150	10	62	35		2.5	1.3	9AJ	
68C8	S	TRI	TWN	T6	CA	SRC	SY	H	400	250	20	2.0	150	10	62	35		2.5	1.3	9AJ	
48Z7	S	TRI	TWN	T6	CA	SCO	SY	H	600	250	20	2.0	150	10	68	36	5300	2.6	1.2	9AJ	
58Z7	S	TRI	TWN	T6	CA	SCO	GE	H	450	300	20	2.0	150	10	68	36	5300	2.6	1.2	9AJ	
6BZ7	S	TRI	TWN	T6	CA	SCO	PL	H	400	250	20	2.0	150	10	68	36	5300	2.6	1.2	9AJ	
6CH7	S	TRI	TWN	T6	CA	SCO	GE	H	400	250	20	2.0	150	10	68	36	5300	2.4	0.8	9EW	
7057	S	TRI	TWN	T6	RFA	SRC	RC	H	180	275	20	2.2	150	10	68	36	5300	2.6	1.2	9AJ	
48S8	S	TRI	TWN	T6	CA	SCO	WH	H	600	150	20	2.0	150	10	72	36	5000	2.6	1.4	9AJ	
58S8	S	TRI	TWN	T6	CA	SCO	WH	H	450	150	20	2.0	150	10	72	36	5000	2.6	1.4	9AJ	
68S8	S	TRI	TWN	T6	CA	SCO	WH	H	400	150	20	2.0	150	10	72	36	5000	2.6	1.4	9AJ	
5J6	S	TRI	TWN	T5	RFA	SCO	GE	H	600	300	15	1.5	100	8	53	38	7100	2.2	0.4	78F	
6J6	S	TRI	TWN	T5	RFA	SCO	RC	H	450	300	15	1.5	100	8	53	38	7100	2.2	0.4	78F	
19J6	S	TRI	TWN	T5	RFA	SCO	RC	H	150	300	15	1.5	100	8	53	38	7100	2.2	0.4	78F	
6099	S	TRI	TWN	T5	RFA	SRC	HY	H	450	330	25	1.6	100	9	60	38		2.1	0.4	78F	
6101	S*	TRI	TWN	T5	RFA	RCO	RC	H	450	330		0.8	100	8	60	38	6300	2.0	0.4	78F	
7244A	#	TRI	TWN	T5	VA	SRC	SY	H	450	300	12	1.1	100	9	60	38	6300	3.0	0.34	78F	
48Q7A	S	TRI	TWN	T6	CA	SCO	SY	H	600	250	20	2.0	150	9	64	38	5900	2.6	1.2	9AJ	
58Q7A	S	TRI	TWN	T6	CA	SCO	GE	H	450	300	20	2.0	150	9	64	38	5900	2.6	1.2	9AJ	
68Q7A	S	TRI	TWN	T6	CA	SCO	RC	H	400	250	20	2.0	150	9	64	38	5900	2.6	1.2	9AJ	
6045		TRI	TWN	T5	VA	RCO	SY	H	350	330	22	1.6	100	9	64	38		2.0	0.45	78F	
5964	S	TRI	TWN	T5	ONA	SRC	RC	H	450	250	75	1.5	100	10	60	39	6500	2.1	0.4	78F	
4CX7	S	TRI	TWN	T6	CA	SRC	SY	H	600	250	20	2.0	150	9	64	39		2.4	1.3	9FC	
6CX7	S	TRI	TWN	T6	CA	SRC	SY	H	400	250	20	2.0	150	9	64	39		2.4	1.3	9FC	
12AV7	S	TRI	TWN	T6	RFA	SRC	PL	H	225	300		2.7	150	18	85	41	4800	3.1	0.5	9A	
6414	#	TRI	TWN	T6	ONA	SRC	GE	H	225	200	150	2.0	180	8	56	42	7650	4.0	0.47	9A	
58K7A	S	TRI	TWN	T6	CA	SRC	GE	H	600	300		2.7	150	18	93	43	4600	3.0	1.0	9AJ	
68K7A	S	TRI	TWN	T6	CA	SRC	GE	H	450	300		2.7	150	18	93	43	4600	3.0	1.0	9AJ	
12AY7	S	TRI	TWN	T6	AFA	SCO	GE	H	150	300	10	1.5	250	3	18	44	25K	1.3	0.6	9A	
6072	S*	TRI	TWN	T6	AFA	SRC	GE	H	175	300		1.5	250	3	18	44	25K	1.5	0.5	9A	

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG. K	CATH.	E _f	I _f	MAX E _b E _{pk}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																			IN	OUT	
TRIODE TWIN									V	ma	V	ma	W	V	ma	μmho		ohms	μμf	μμf	
4828	S	TRI	TWN	T6	CA	SRC	PL	H	4.2	600	250	20	2.2	125	10	80	45	5600			9AJ
6828	S	TRI	TWN	T6	CA	SRC	PL	H	6.3	400	250	20	2.2	125	10	80	45	5600			9AJ
5965	S	TRI	TWN	T6	ONA	SCO	GE	H	12.6	225	330	160	2.4	150	8	67	47	7000	4.0	0.5	9A
6829	S	TRI	TWN	T6	ONA	SRC	GE	H	12.6	225	375	160	2.2	150	8	67	47	7000	4.0	0.5	9A
5968	S*	TRI	TWN	T3	VHF	SCO	RA	F	1.2	120	45	4		45	700U	13	50		0.9	0.9	8DQ
7F8W	#	TRI	TWN	T9	RFA	SRC	SY	H	6.3	300	300		3.2	250	10	52	50		2.8	1.7	88W
6DT8	S	TRI	TWN	T6	RFA	SRC	RC	H	6.3	300	300		2.5	250	10	55	60	11K	2.7	1.6	9AJ
12A17WA	S*	TRI	TWN	T6	RFA	SRC	GE	H	12.6	150	300		2.5	250	10	55	60	11K	2.2	0.5	9A
12A27	S	TRI	TWN	T6	OSC	SRC	PL	H	12.6	225	300		2.5	250	10	55	60	11K	3.1	0.5	9A
12DT8	S	TRI	TWN	T6	RFA	SRC	RC	H	12.6	150	300		2.5	250	10	55	60	11K	2.7	1.6	9AJ
62C1	S*	TRI	TWN	T6	VHF	SRC	GE	H	12.6	150	300		2.5	250	10	55	60	11K	2.2	0.5	9A
6679	S	TRI	TWN	T6	RFA	SRC	GE	H	12.6	150	330		2.8	250	10	55	60	11K	2.2	0.5	9A
5755	S	TRI	TWN	T6	VA	SCO	WE	H	12.6	180	225	4	0.9	310	150U	9	70	140K	1.5	0.8	9J
5751	S*	TRI	TWN	T6	VA	SCO	GE	H	12.6	175	330		0.8	250	1	12	70	58K	1.4	0.46	9A
6851	S*	TRI	TWN	T6	VA	SCO	BE	H	6.3	250	330	8	1.0	250	1	12	70	60K	1.6	0.46	9A
6SC7	S	TRI	TWN	MT8	AFA	SCO	RC	H	6.3	300	250			250	2	13	70	53K	2.0	3.0	8S
12SC7	S	TRI	TWN	MT8	AFA	SCO	RC	H	12.6	150	250			250	2	13	70	53K	2.0	3.0	8S
6SL7WGT	S*	TRI	TWN	T9	VA	SCO	RC	H	6.3	300	250		1.0	250	2	16	70	44K			88D
6SU7GY	S	TRI	TWN	T9	RFA	SCO	TS	H	6.3	300	250		1.0	250	2	16	70	44K			88D
12SL7GT	S	TRI	TWN	T9	VA	SCO	RC	H	12.6	150	300		1.0	250	2	16	70	44K			88D
14F7	S	TRI	TWN	T9	VA	SCO	SY	H	12.6	150	300		1.0	250	2	16	70	44K	2.4	2.0	8AC
5691	S*	TRI	TWN	T9	VA	SCO	RC	H	6.3	600	275	10	1.0	250	2	16	70	44K			88D
6113	S	TRI	TWN	T9	VA	SCO	NU	H	6.3	300				250	2	16	70	44K	3.0	3.8	88D
6188	S*	TRI	TWN	T9	GEN	SCO	TS	H	6.3	300	275		1.1	250	2	16	70	44K			88D
6948	#	TRI	TWN	T3	GEN	SCO	SY	H	6.3	350	250	10	0.5	100	800U	16	70		1.6	0.2	8DG
6112	*	TRI	TWN	T3	VA	SCO	SY	H	6.3	300	165	3	0.6	150		25	70	28K	1.7	0.2	8DG
6AX7	S	TRI	TWN	T6	VA	SCO	SY	H	6.3	300	300		1.0	250	1	16	100	62K	1.6	0.46	9A
12AD7	S	TRI	TWN	T6	AFA	SCO	SY	H	12.6	225	300		1.0	250	1	16	100	62K	1.6	0.5	9A
12AX7	S	TRI	TWN	T6	VA	SCO	RC	H	12.6	150	330		1.2	250	1	16	100	62K	1.6	0.46	9A
12DF7	S	TRI	TWN	T6	VA	SCO	WH	H	12.6	150	300		1.0	250	1	16	100	55K	1.6	0.4	9A

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E_f	I_f	MAX E_b on E_{PR}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
TRIODE TWIN																					
12DM7	S	TRI	TWN	T6	AFA	SCO	HY	H	12.6	130	330		1.1	250	1	16	100	62K	1.6	0.46	9A
12DT7	S	TRI	TWN	T6	AFA	SCO	RA	H	12.6	150	300		1.0	250	1	16	100	62K	1.6	0.46	9A
6681	S	TRI	TWN	T6	VA	SCO	GE	H	12.6	150	330		1.1	250	1	16	100	62K	1.6	0.46	9A
7025	S	TRI	TWN	T6	VA	SCO	RC	H	12.6	150	300		1.0	250	1	16	100	62K	1.6	0.46	9A
7058		TRI	TWN	T6	GEN	SCO	RC	H	13.5	155	330		1.0	250	1	16	100	61K	1.6	0.46	9AJ
12BZ7		TRI	TWN	T6	VHF	SCO	HY	H	12.6	300	300		1.5	250	2	32	100	32K	6.5	0.7	9A
TRIODE DUAL DISSIMILAR																					
6CY7	S	TRI	DIS	T6	VDA	RCO	GE	H	6.3	750	350	120	5.5	150	30	54	5	920	5.0	1.0	9EF
8CY7	S	TRI	DIS	T6	VDA	RCO	GE	H	7.9	600	350	120	5.5	150	30	54	5	920	5.0	1.0	9EF
11CY7	S	TRI	DIS	T6	VDA	RCO	SY	H	11.0	450	350	120	5.5	150	30	54	5	920	5.0	1.0	9EF
6EA7		TRI	DIS	T9	VDA	RCO	GE	H	6.3	1050	550	50	10.0	175	48	65	5	770	6.0	1.3	8BD
6EM7	S	TRI	DIS	T9	VDA	RCO	SY	H	6.3	900	330	175	10.0	150	50	72	5	750	7.0	1.8	8BD
6DA7		TRI	DIS	T6	VDA	RCO	HY	H	6.3	1000	500	40	6.0	150	40	57	6	1100	5.5	0.82	9EF
10DA7		TRI	DIS	T6	VDA	RCO	HY	H	10.5	600	500	40	6.0	150	40	57	6	1100	5.5	0.82	9EF
6DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	6.3	900	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
6DR7	S	TRI	DIS	T6	VDA	RCO	SY	H	6.3	900	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
10DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	9.7	600	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
10DR7	S	TRI	DIS	T6	VDA	RCO	SY	H	9.7	600	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
12AE7	S	TRI	DIS	T6	AFD	PL	H	H	12.6	450	16		1.0	13	8	65	6	985	4.2	0.85	9A
13DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	13.0	450	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
13D97	S	TRI	DIS	T6	VDA	RCO	SY	H	13.0	450	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
19DE7	S	TRI	DIS	T6	VDA	RCO	SY	H	19.4	300	275	175	7.0	150	35	65	6	925	5.5	1.0	9HF
10EG7		TRI	DIS	T9	VDA	RCO	SY	H	9.7	600	330	50	10.0	150	45	75	6	800	7.0	1.6	8BD
12AE7		TRI	DIS	T6	AFD	PL	H	H	12.6	450	16		1.0	13	2	40	13	3150	4.7	0.75	9A
6DN7		TRI	DIS	T9	VDA	RCO	GE	H	6.3	900	550	150	10.0	250	41	77	15	2000	4.6	1.0	8BD
6CS7	S	TRI	DIS	T6	VDA	RCO	SY	H	6.3	600	500	105	6.5	250	19	45	16	3450	3.0	0.5	9EF
8CS7	S	TRI	DIS	T6	VDA	RCO	SY	H	8.4	450	500	105	6.5	250	19	45	16	3450	3.0	0.5	9EF

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b or E _{px}	P _d	E _b	I _b	$\frac{gm}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K									IN	OUT	
									V	V	W	V	mA	umhos		ohms	$\mu\mu\text{f}$	$\mu\mu\text{f}$	
TRIODE DUAL DISSIMILAR																			
6CS7	S	TRI	DIS	T6	OSC	RCO	SY	H	6.3	500	1.2	250	10	22	17	7700	1.8	0.5	9EF
8CS7	S	TRI	DIS	T6	VDO	RCO	SY	H	8.4	450	1.2	250	10	22	17	7700	1.8	0.5	9EF
12DW7	S	TRI	DIS	T6	VA	RCO	SY	H	12.6	30	3.3	250	10	22	17	7700	1.7	0.40	9A
6DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	6.3	300	1.5	250	6	20	18	8750	2.2	0.52	9HF
10DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	9.7	600	1.5	250	6	20	18	8750	2.2	0.52	9HF
10EG7		TRI	DIS	T9	VDO	RCO	SY	H	9.7	600	1.5	250	6	20	18	8750	2.2	0.6	8BD
13DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	13.0	450	1.5	250	6	20	18	8750	2.2	0.52	9HF
19DE7	S	TRI	DIS	T6	VDO	RCO	SY	H	19.4	300	1.5	250	6	20	18	8750	2.2	0.52	9HF
6CM7	S	TRI	DIS	T6	VDA	RCO	RC	H	6.3	600	5.5	250	20	44	18	4100	3.5	0.4	9ES
8CM7	S	TRI	DIS	T6	VDA	RCO	GE	H	8.4	450	5.5	250	20	44	18	4100	3.5	0.4	9ES
6DA7		TRI	DIS	T6	VDO	SRC	HY	H	6.3	1000	2.0	250	9	26	20	7700	2.0	0.42	9EF
10DA7		TRI	DIS	T6	VDO	SRC	HY	H	10.5	600	2.0	250	9	26	20	7700	2.0	0.42	9EF
6CM7	S	TRI	DIS	T6	VDO	SRC	RC	H	6.3	600	1.2	200	5	20	21	10K	2.0	0.5	9ES
8CM7	S	TRI	DIS	T6	VDO	SRC	GE	H	8.4	450	1.2	200	5	20	21	10K	2.0	0.5	9ES
6DN7		TRI	DIS	T9	VDO	RCO	GE	H	6.3	900	1.0	250	8	25	22	9000	2.2	0.7	8BD
12G8		TRI	DIS	T6	DCA	GE	H		12.6	400		13	7	26	22	8500			9CZ
6EA7		TRI	DIS	T9	VDO	SCO	GE	H	6.3	1050	1.0	250	2	19	65	34K	2.2	0.6	8BD
6CY7	S	TRI	DIS	T6	VDO	SCO	GE	H	6.3	750	1.0	250	1	13	68	52K	1.5	0.3	9EF
8CY7	S	TRI	DIS	T6	VDO	SCO	GE	H	7.9	600	1.0	250	1	13	68	52K	1.5	0.3	9EF
11CV7	S	TRI	DIS	T6	VDO	SCO	SY	H	11.0	450	1.0	250	1	13	68	52K	1.5	0.3	9EF
6DR7	S	TRI	DIS	T6	VDO	SCO	SY	H	6.3	900	1.0	250	1	16	68	40K	2.2	0.34	9HF
6EM7	S	TRI	DIS	T9	VDO	SCO	SY	H	6.3	900	1.5	250	1	16	68	40K	2.2	0.6	8BD
10DR7	S	TRI	DIS	T6	VDO	SCO	SY	H	9.7	600	1.0	250	1	16	68	40K	2.2	0.34	9HF
13DR7	S	TRI	DIS	T6	VDO	SCO	SY	H	13.0	450	1.0	250	1	16	68	40K	2.2	0.34	9HF
12DW7	S	TRI	DIS	T6	VA	SCO	SY	H	12.6	150	1.2	250	1	16	100	62K	1.6	0.44	9A
12DW8		TRI	DSD	T6	AFD		PL	H	12.6	450	0.5	13	8	65	6		4.4	0.7	9JC
12DW8		TRI	DSD	T6	AFA		PL	H	12.6	450	0.5	13	2	27	10		1.6	0.7	9JC

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b F _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
TRIODE WITH DIODE									v	v	ma	w	v	ma	μmho		ohms	μμf	μμf	
1H5GT		TRI	DIO	T9	VA	SCO	HY	F	1.4	50	110		90	150U	3	65	240K			5Z
12FK6		TRI	DWD	T5	AFA	SCO	RC	H	12.6	150	16		13	1	12	7	6200	1.8	0.7	7BT
12FM6		TRI	DWD	T5	AFA	SCO	RA	H	12.6	150	30		13	1	13	10	7700	2.7	1.7	7DT
12DV7		3RI	DWD	T6	AFA	SCO	SY	H	12.6	150	16		13	400U	8	14	19K	1.3	0.38	9JY
12FT6		TRI	DWD	T5	AFA	SCO	HY	H	12.6	150	30		13	600U	10	14	13K	1.8	1.1	7BT
6BF6	S	TRI	DWD	T5	AFA	RCO	RC	H	6.3	300	300	2.5	250	10	19	16	8500	1.8	0.7	7BT
12BF6	S	TRI	DWD	T5	VA	RCO	TS	H	12.6	150	300	2.5	250	10	19	16	8500	1.8	0.7	7BT
26C6	S	TRI	DWD	T5	VA	SCO	RC	H	26.5	70	250	2.5	250	10	19	16	8500	1.8	1.4	7BT
12AE6A	S	TRI	DWD	T5	AFA	SCO	RA	H	12.6	150	30		13	1	13	17	13K	1.6	1.1	7DT
68J8		TRI	DWD	T6	OSC	RCO	SY	H	6.3	600	330	4.0	250	8	28	20	7150	2.8	0.31	9ER
68V8		TRI	DWD	T6	VA	SRC	GE	H	6.3	600	330	2.7	200	11	56	33	5900	3.6	0.4	9FJ
12AJ6		TRI	DWD	T5	AFA	SCO	TS	H	12.6	150	30		13	750U	12	55	45K	2.2	0.8	7BT
12EL6		TRI	DWD	T5	AFA	SCO	SY	H	12.6	150	30		13	750U	12	55	45K	2.2	1.0	7FB
9BR7	S	TRI	DWD	T6	GEN	SRC	PL	H	9.4	300	300	2.5	250	10	40	60	11K	2.6	0.3	9CF
12BR7A	S	TRI	DWD	T6	GEN	SCO	PL	H	12.6	225	300	2.5	250	10	40	60	11K	2.6	0.3	9CF
6AQ6	S	TRI	DWD	T5	VA	SCO	RC	H	6.3	150	300		250	1	12	70	58K	1.8	1.7	7BT
6AT6	S	TRI	DWD	T5	VA	SCO	RC	H	6.3	300	300	0.5	250	1	12	70	58K	2.2	0.8	7BT
6CN7	S	TRI	DWD	T6	VA	SCO	GE	H	6.3	300	300	1.0	250	1	12	70	58K	1.5	0.5	9EN
6FM8		TRI	DWD	T6	AFA	SCO	GE	H	6.3	450	330	1.1	250	1	12	70	58K	1.5	0.16	9KR
8CN7	S	TRI	DWD	T6	VA	SCO	GE	H	8.4	225	300	1.0	250	1	12	70	58K	1.5	0.5	9EN
12AT6	S	TRI	DWD	T5	VA	SCO	RC	H	12.6	150	300	0.5	250	1	12	70	58K	2.2	0.8	7BT
7K7		TRI	DWD	T9	VA	SCO	RA	H	6.3	300	300	1.0	250	2	16	70	44K	2.4	2.0	8BF
18GE6		TRI	DWD	T5	RFA	SCO	SY	H	18.0	100	150	0.5	100	1	17	70	40K	2.4	0.2	7BT
6BN8	S	TRI	DWD	T6	VHF	SCO	SY	H	6.3	600	330	1.7	250	2	25	70	28K	3.6	0.25	9ER
8BN8	S	TRI	DWD	T6	VHF	SCO	SY	H	8.4	450	300	1.5	250	2	25	70	28K	3.6	0.32	9ER
6SQ7GT	S	TRI	DWD	T9	VA	SCO	HY	H	6.3	300	300	0.5	250	1	12	100	85K	4.2	3.4	8Q

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REC.	CATH.	E_f	I_f	MAX E_b E_{p2}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
TRIODE WITH TWIN DIODE									V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	μf	μf	
	12SQ7GT	S	TRI DWD	T9	VA	SCU	HY	H	12.6	150	300		0.5	250	1	12	100	85K	4.2	3.4	8Q
	18FY6		TRI DWD	T5	RFA	SRC	SY	H	18.0	100	150		0.5	100	600U	13	100	77K	2.4	0.22	7BT
	3AV6	S	TRI DWD	T5	VA	SCO	SY	H	3.2	600	300		0.5	250	1	16	100	62K	2.2	0.8	7BT
	6AV6	S	TRI DWD	T5	VA	SCO	NU	H	6.3	300	330		0.6	250	1	16	100	62K	2.2	0.8	7BT
TRIODE WITH TRIPLE DIODE	6BK6	S	TRI DWD	T5	VA	SCO	SY	H	6.3	300	300			250	1	16	100	62K			7BT
	12AV6	S	TRI DWD	T5	VA	SCU	RC	H	12.6	150	330		0.6	250	1	16	100	62K	2.2	0.8	7BT
	12BK6	S	TRI DWD	T5	VA	SCU	SY	H	12.5	150	300			250	1	16	100	62K			7BT
	26BK6	S	TRI DWD	T5	VA	SCO	TS	H	26.5	70	300			250	1	16	100	62K			7BT
TRIODE WITH TETRODE	5T8	S	TRI TRD	T6	AFA	SCU	GE	H	4.7	600	300		1.0	250	1	12	70	58K	1.6	1.1	9E
	6T8	S	TRI TRD	T6	AFA	SCU	GE	H	6.3	450	300		1.0	250	1	12	70	58K	1.6	1.1	9E
	6V8	S	TRI TRD	T6	VA	SCO	PL	H	6.3	450	300		1.0	250	1	12	70	58K			9AH
	19T8	S	TRI TRD	T6	AFA	SCU	GE	H	18.9	150	300		1.0	250	1	12	70	58K	1.6	1.1	9E
	19V8	S	TRI TRD	T6	VA	SCO	PL	H	18.9	150	300		1.0	250	1	12	70	58K			9AH
TRIODE WITH TETRODE	19C8		TRI TRD	T6	VA	SCO	PL	H	18.9	150	250		1.0	100	500U	12	100	80K			9E
	12AL8		TRI TET	T6	DET	SCU	TS	H	12.6	550	30	20		13	500U	10	13	13K	1.8	0.4	9GS
	12DY8		TRI TET	T6	GEN	SCO	SY	H	12.6	350	16			13	1	20	20	10K	2.0	0.38	9JD
	5CL8A	S	TRI TET	T6	OSC	SRC	GE	H	4.7	600	330		2.5	125	14	80	40	5000	2.8	1.5	9FX
TRIODE WITH TETRODE	5CQ8	S	TRI TET	T6	OSC	SCO	RC	H	4.7	600	300		2.7	125	15	80	40	5000			9GE
	6CL8A	S	TRI TET	T6	OSC	SRC	GE	H	6.3	450	330		2.5	125	14	80	40	5000	2.8	1.5	9FX
	6CQ8	S	TRI TET	T6	OSC	SCO	RC	H	6.3	450	300		2.7	125	15	80	40	5000	2.7	1.2	9GE
	9CL8	S	TRI TET	T6	OSC	SRC	SY	H	5.5	300	300		2.7	125	15	80	40	5000	2.7	0.4	9FX
TRIODE WITH TETRODE	19CL8A	S	TRI TET	T6	OSC	SRC	GE	H	18.9	150	330		2.5	125	14	80	40	5000	2.8	1.5	9FX

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	K	GATH.	E_f	I_f	MAX E_b E_{pm}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																				IN	OUT	
TRIODE WITH BEAM TYPE										V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$	$\mu\mu f$	
50FY8		TRI	BEA	T6	VA	SCO	HY	H		50.0	150	150		1.0	125	2	27	46	17K			9EX
TRIODE WITH PENTODE																						
1V6	S	TRI	PND	T3F	OSC					1.2	40	90	2			400U						FL
6BH8	S	TRI	PND	T6	GEN	SRC	GE	H		6.3	600	300		2.5	150	10	33	17	5150	4.0	1.9	9DX
8BH8	S	TRI	PND	T6	GEN	SRC	GE	H		8.4	450	300		2.5	150	10	33	17	5150	2.6	0.38	9DX
6BA8A	S	TRI	PND	T6	VA	SRC	SY	H		6.3	600	300		2.0	200	8	27	18	6700	2.5	0.4	9DX
8BA8A	S	TRI	PND	T6	VA	SRC	RA	H		8.4	450	300		2.0	200	8	27	18	6700	2.5	0.4	9DX
5AN8	S	TRI	PND	T6	GEN	RCO	SY	H		4.7	600	300		2.6	200	13	33	19	5750	2.0	0.27	9DA
5AV8	S	TRI	PND	T6	GEN	RCO	SY	H		4.7	600	300		2.5	200	13	33	19	5750	2.0	0.27	9DZ
5B8	S	TRI	PND	T6	GEN	RCO	SY	H		4.7	600	300		2.5	200	13	33	19	5750	1.9	1.4	9EC
6AN8	S	TRI	PND	T6	GEN	RCO	RC	H		6.3	450	300		2.6	200	13	33	19	5750	2.0	0.27	9DA
6AZ8	S	TRI	PND	T6	OSC	RCO	RC	H		6.3	450	300		2.5	200	13	33	19	5750	2.0	1.7	9ED
6CH8		TRI	PND	T6	GEN	RCO	RC	H		6.3	450	300		2.6	200	13	33	19	5750	1.9	1.6	9FT
6CU8	S	TRI	PND	T6	GEN	RCO	RC	H		6.3	450	300		2.6	200	13	33	19	5750	1.9	1.6	9GM
15A8		TRI	PND	T9	VDO	SRC	SY	H		15.0	600	300	70	2.5	250	9	26	20	7700	2.6	0.9	8GS
7258		TRI	PND	T6	OSC	SRC	SY	H		13.5	210	330		2.8	150	15	45	21	4700	2.0	0.26	9DA
5CR8	S	TRI	PND	T6	GEN	SRC	SY	H		4.7	600	330		2.8	125	12	40	22	5500	2.0	1.4	9GJ
6CR8	S	TRI	PND	T6	GEN	SRC	SY	H		6.3	450	330		2.8	125	12	40	22	5500	2.0	1.4	9GJ
6CS8		TRI	PND	T6	GEN	SRC	SY	H		6.3	450	330		2.8	125	12	40	22	5500	1.9	0.26	9FZ
12EC8		TRI	PND	T6	OSC	SCO	SY	H		12.6	225	16			13	2	47	25	6000	2.6	0.4	9FA
6CX8	S	TRI	PND	T6	GEN	SCO	GE	H		6.3	750	330		2.0	150	9	46	40	8700	2.2	0.38	9DX
8CX8	S	TRI	PND	T6	GEN	SCO	GE	H		8.0	600	330		2.0	150	9	46	40	8700	2.2	0.38	9DX
6AU8A	S	TRI	PND	T6	GEN	SCO	GE	H		6.3	600	300		2.5	150	9	49	40	8200	2.6	0.34	9DX
8AU8	S	TRI	PND	T6	GEN	SCO	SY	H		8.4	450	300		2.5	150	9	49	40	8200	2.6	0.34	9DX
12CT8		TRI	PND	T6	VHF	SCO	GE	H		12.6	300	300		2.5	150	9	49	40	8200	2.4	0.19	9DA
7060		TRI	PND	T6	VA	SCO	RC	H		13.5	280	300		2.5	150	9	49	40	8200	2.4	0.22	9DA
5AT8	S	TRI	PND	T6	OSC	SRC	RC	H		4.7	600	250		1.5	100	8	58	40	6900	2.0	0.5	9DW

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b E_{bmax} E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
									V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$	$\mu\mu f$	
TRIODE WITH PENTODE																					
5CG8	S	TRI	PND	T6	OSC	SRC	RC	H	4.7	600	250		1.5	100	8	58	40	6900			9GF
5X8	S	TRI	PND	T6	OSC	SRC	SY	H	4.7	600	250		1.5	100	8	58	40	6900	2.0	0.5	9AK
6AT8	S	TRI	PND	T6	OSC	SRC	RC	H	6.3	450	250		1.5	100	8	58	40	6900	2.0	0.5	9DW
6CG8	S	TRI	PND	T6	OSC	SRC	RC	H	6.3	450	250		1.5	100	8	58	40	6900			9GF
6X8A	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	250		1.5	100	8	58	40	6900	2.0	0.5	9AK
9X8	S	TRI	PND	T6	OSC	SRC	SY	H	9.5	300	250		1.5	100	8	58	40	6900	2.0	0.5	9AK
19X8	S	TRI	PND	T6	OSC	SRC	RC	H	18.9	150	250		1.5	100	8	58	40	6900	2.0	0.5	9AK
5EH8	S	TRI	PND	T6	OSC	SRC	SY	H	4.7	600	300		2.5	125	14	75	40		2.8	1.7	9JG
6EH8	S	TRI	PND	T6	OSC	SRC	SY	H	6.3	450	300		2.5	125	14	75	40		2.8	1.7	9JG
5FV8	S	TRI	PND	T6	VDO	SRC	SY	H	4.7	600	330	70	2.0	125	14	80	40	5000	2.8	1.5	9FA
6FV8	S	TRI	PND	T6	VDO	SRC	SY	H	6.3	450	330	70	2.0	125	14	80	40	5000	2.8	1.5	9FA
5BE8	S	TRI	PND	T6	OSC	SRC	SY	H	4.7	600	300		2.5	150	18	85	40	5000	2.8	1.5	9EG
5BR8	S	TRI	PND	T6	OSC	SRC	TS	H	4.7	600	300		2.7	150	18	85	40	5000			9FA
5EA8	S	TRI	PND	T6	OSC	SRC	GE	H	4.7	600	330		3.0	150	18	85	40	5000	3.0	0.3	9AE
5U8	S	TRI	PND	T6	OSC	SRC	GE	H	4.7	600	300		2.7	150	18	85	40	5000	2.5	0.4	9AE
6AX8	S	TRI	PND	T6	VA	SRC	PL	H	6.3	450	300		2.7	150	18	85	40	5000	2.5	1.0	9AE
6BE8	S	TRI	PND	T6	OSC	SRC	SY	H	6.3	450	300		2.5	150	18	85	40	5000	2.8	1.5	9EG
6SR8A	S	TRI	PND	T6	OSC	SRC	SY	H	6.3	450	300		2.7	150	18	85	40	5000			9FA
6EA8	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	330		3.0	150	18	85	40	5000	3.0	0.3	9AE
6UBA	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	300		2.7	150	18	85	40	5000	2.5	0.4	9AE
9UBA	S	TRI	PND	T6	OSC	SRC	GE	H	9.4	300	300		2.7	150	18	85	40	5000	2.5	0.4	9AE
19EA8	S	TRI	PND	T6	OSC	SRC	GE	H	18.9	150	330		3.0	150	18	85	40	5000	3.0	0.3	9AE
6678	S	TRI	PND	T6	OSC	SRC	GE	H	6.3	450	330		3.0	150	18	85	40	5000	2.5	0.4	9AE
7059	S	TRI	PND	T6	OSC	SRC	RC	H	13.5	195	300		2.5	150	18	85	40	4700	2.7	0.4	9AE
5GH8	S	TRI	PND	T6	VA	SRC	GE	H	4.7	600	330		2.5	125	14	85	46	5400	3.4	0.3	9AE
6GH8	S	TRI	PND	T6	VA	SRC	GE	H	6.3	450	330		2.5	125	14	85	46	5400	3.4	0.3	9AE
5DH8	S	TRI	PND	T6	GEN	SRC	GE	H	5.2	600	300		2.0	250	7	44	53	12K	2.4	1.4	9EG
10C8	S	TRI	PND	T6	GEN	SRC	GE	H	10.5	600	300	35	2.0	250	7	44	53	12K	2.4	0.2	9DA
6AW8A	S	TRI	PND	T6	VA	SCO	SY	H	6.3	600	300		1.0	200	4	40	70	18K	3.2	0.32	9DX
8AW8A	S	TRI	PND	T6	VA	SCO	SY	H	8.4	450	300		1.0	200	4	40	70	18K	3.2	0.32	9DX

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E_f	I_f	MAX E_b on E_{fx}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
							REG. K	E_f											IN	OUT	
TRIODE WITH PENTODE								V	ma	V	ma	W	V	ma	$\mu mhos$			ohms	μfts		
6DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	6.3	900	150	5	0.8	120	800U	14	100			9EX	
9DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	9.0	600	150	5	0.8	120	800U	14	100			9EX	
12DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	12.0	450	150	5	0.8	120	800U	14	100			9EX	
18DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	18.0	300	150	5	0.8	120	800U	14	100			9EX	
35DZ8	S	TRI	PND	T6	AFA	SCO	SO	H	35.0	150	150	5	0.8	120	800U	14	100			9EX	
5CM8	S	TRI	PND	T6	GEN	SCO	SY	H	4.7	600	300	1.0	1.0	250	2	20	100	50K	0.22	9FZ	
6CM8	S	TRI	PND	T6	GEN	SCO	SY	H	6.3	450	300	1.0	1.0	250	2	20	100	50K	0.22	9FZ	
6EB8		TRI	PND	T6	VA	SCO	SY	H	6.3	750	330	1.0	1.0	250	2	27	100	37K	0.36	9DX	
6GN8		TRI	PND	T6	VA	SCO	SY	H	6.3	750	330	1.0	1.0	250	2	27	100	37K	0.36	9DX	
8EB8		TRI	PND	T6	VA	SCO	SY	H	8.0	600	330	1.0	1.0	250	2	27	100	37K	0.36	9DX	
8GN8		TRI	PND	T6	VA	SCO	SY	H	8.0	600	330	1.0	1.0	250	2	27	100	37K		9DX	
10EB8	S	TRI	PND	T6	VA	SCO	SY	H	10.5	450	330	1.0	1.0	250	2	27	100	37K	0.36	9DX	
TRIODE WITH HEXODE																					
12K8GT		TRI	HEX	T9	OSC		HY	H	12.6	150	125		0.8	100	4				6.5	3.4	8K
TRIODE WITH PENTAGRID																					
2G21	S	TRI	PTG	T3F	OSC		RA	F	1.2	50	45	2		22	1				3.8	3.7	FL
2G22	S	TRI	PTG	T3F	OSC		RA	F	1.2	50	45	2		22	1				3.8	3.7	FL
12FX8		TRI	PTG	T6	RFA	SCO	TS	H	12.6	300	16			13	1	14	10		2.2	0.48	9KV

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b on E_{ps}	MAX I_b	P_D	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
TETRODE SINGLE									V	ma	V	ma	W	V	ma	μmho		ohms	μmf	μmf	
6483	#	TET	SIN	T3	TRG	GAS	SY	C			500	10A		450							FL
6873	#	TET	SIN	T5	TRG	GAS	SY	C			1K	500A		500	60A						FL
7205	S	TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7229	S	TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7230	S#	TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7231		TET	SIN	T3	TRG	GAS	HY	C			700			550	10A						FL
7232	#	TET	SIN	T3	TRG	GAS	HY	C			1K			550	10A						FL
7439		TET	SIN	T5	TRG	GAS	HY	C			1K	500A		550	10A						FL
7440		TET	SIN	T3	TRG	GAS	HY	C			700			550	10A						FL
7441	#	TET	SIN	T3	TRG	GAS	HY	C			1K			550	10A						FL
2CY5	S	TET	SIN	T5	VHF	SCO	WH	H	2.4	600	180	20	2.0	125	10	80		100K	4.5	3.0	7EW
2EA5	S	TET	SIN	T5	VHF	SCO	PL	H	2.3	600	250	20	3.2	250	10	80		150K	3.8	2.3	7EW
2FV6	S	TET	SIN	T5	VHF	SCO	RC	H	2.4	600	275	20	2.0	125	10	80		100K	4.5	3.0	7FQ
3CY5	S	TET	SIN	T5	VHF	SCO	WH	H	2.9	450	180	20	2.0	125	10	80		100K	4.5	3.0	7EW
3EA5	S	TET	SIN	T5	VHF	SCO	PL	H	3.0	450	250	20	3.2	250	10	80		150K	3.8	2.3	7EW
4CY5	S	TET	SIN	T5	VHF	SCO	WH	H	4.5	300	180	20	2.0	125	10	80		100K	4.5	3.0	7EW
6CY5	S	TET	SIN	T5	VHF	SCO	WH	H	6.3	200	180	20	2.0	125	10	80		100K	4.5	3.0	7EW
6EA5	S	TET	SIN	T5	VHF	SCO	PL	H	6.3	200	250	20	3.2	250	10	80		150K	3.8	2.3	7EW
6FV6	S	TET	SIN	T5	VHF	SCO	RC	H	6.3	200	275	20	2.0	125	10	80		100K	4.5	3.0	7FQ
7167	S	TET	SIN	T5	VHF	SCO	WH	H	13.5	90	180	20	2.0	125	10	80		125K	4.4	2.74	7EW
2EV5		TET	SIN	T5	VHF	SCO	WH	H	2.4	600	275	20	3.2	250	12	88		150K	4.5	2.9	7EW
3EV5		TET	SIN	T5	VHF	SCO	WH	H	2.9	450	275	20	3.2	250	12	88		150K	4.5	2.9	7EW
6EV5		TET	SIN	T5	VHF	SCO	WH	H	6.3	200	275	20	3.2	250	12	88		150K	4.5	2.9	7EW
6ER5		TET	SIN	T5	VHF	SCO	AM	H	6.3	180	250	20	2.2	200	10	105		800K	4.4	3.0	7FN
12K5		TET	SIN	T5	PA	SRC	TS	H	12.6	400	30			13	40	150	7	480			7FD

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REQ.	K											IN	OUT	
TETRODE TWIN																					
CK51CAX		TET	TWN	T3F	AFA	SCO	RA	F	0.6	50	45			30	500	*1		600K	2.4	2.1	FL
5884		TET	TWN	T3F	EL	SRC	RA	F	1.2	10	25	5000		10	1000	*1					FL
5969		TET	TWN	T3	VHF	SRC	RA	F	1.2	200	150	15	1.0	135	6	17			2.5	2.5	8DR
6907		TET	TWN	T14	VHF	RCO	AM	H	12.6	650	750	82	12.5	300	50	25		60K	6.5	2.5	
5656		TET	TWN	T6	VHF	SRC	RA	H	6.3	400	250	20	3.0	150	16	58			3.6	1.5	9F
6939		TET	TWN	T6	VHF	SCO	AM	H	12.6	300	275	45	3.0	200	16	75			6.4	1.6	
TETRODE WITH DIODE																					
12EM6		TET	DIO	T6	PA		RA	H	12.6	500	30		0.5	13	6	50		4000			9HV
TETRODE WITH TWIN DIODE																					
12DS7A		TET	DWD	T6	DR	HIP	RC	H	12.6	400	16			11	20				12.7	2.2	9JU
12DK7		TET	DWD	T6	PA	RA	RA	H	12.6	500	30	10	0.5	13	6	50		4000	10.5	4.4	9HZ
12J8		TET	DWD	T6	PA	SCO	SY	H	12.6	325	30			13	12	55		6000	11.0	3.6	9GC
12DU7		TET	DWD	T6	PA	SCO	SY	H	12.6	275	16			13	12	62		6000	9.0	1.0	9JX
12DV8		TET	DWD	T6	AFD		GE	H	12.6	375	16			13	9	85		900			9HR
12DL8		TET	DWD	T6	PA	SRC	TS	H	12.6	550	30			13	40	150		480	12.0	1.3	9HR
12DS7		TET	DWD	T6	AFA	SCO	RC	H	12.6	400	16			13	40	150		480	13.0	2.0	9JU
TETRODE WITH TRIODE																					
5CL8	S	TET	TRI	T6	MIX	SRC	SY	H	4.7	600	300		2.8	125	12	58		100K	5.0	2.0	9FX
5CQ8	S	TET	TRI	T6	MIX	SCO	RC	H	4.7	600	300		2.8	125	12	58		140K			9GE
6CL8	S	TET	TRI	T6	MIX	SRC	SY	H	6.3	450	300		2.8	125	12	58		100K	5.0	2.0	9FX
6CQ8	S	TET	TRI	T6	MIX	SCO	RC	H	6.3	450	300		2.8	125	12	58		140K	5.0	3.3	9GE
9CL8	S	TET	TRI	T6	MIX	SRC	SY	H	9.5	300	300		2.8	125	12	58		100K	5.0	2.0	9FX

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		MAX E _b on E _{px}	I _f	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
TETRODE WITH TRIODE																				
12DY8	S	TET	TRI	T6	ONA	SRC	SY	H	16	350		13	14	60			5000	11.0	3.0	9JD
5CL8A		TET	TRI	T6	MIX	SRC	GE	H	330	600	3.0	125	12	65			200K	5.0	2.0	9FX
6CL8A	S	TET	TRI	T6	MIX	SRC	GE	H	330	450	3.0	125	12	65			200K	5.0	2.0	9FX
19CL8A		TET	TRI	T6	MIX	SRC	GE	H	330	150	3.0	125	12	65			200K	5.0	2.0	9FX
12AL8		TET	TRI	T6	PA	SRC	TS	H	30	550		13	40	150	7		480	13.0	1.6	9GS
BEAM SINGLE																				
6BU5		BEA	SIN	T12	REG	SCO	GE	H	20K	150	2	20.0	20K	1				3.0	0.9	5AW
5933	S*	BEA	SIN	T12	PA	RCO	SY	H	600	900	2	25.0	600	36			12.0	7.0	8FU	
6BD4A		BEA	SIN	T12	REG	SRC	RC	H	27K	600	2	25.0		1	1	2K		3.8	0.4	8GC
6BK4		BEA	SIN	T12	REG	SRC	RC	H	27K	200	2	25.0		1	2	2K		2.6	1.0	8GL
6792		BEA	SIN	T12	VA	RCO	HY	H	25K	450	10	25.0	25K	1	2		10M			
3B4		BEA	SIN	T5	PA	RCO	HY	F	150	165	25	3.0	150	25	19			4.6	7.6	7CY
6397		BEA	SIN	T3	PA	SRC	RA	F	135	62	14	1.5	125	7	20			2.6	2.15	6CL
3LF4		BEA	SIN	T9	PA	SRC	SY	F	110	50	12		110	8	20		110K			68B
3Q5G		BEA	SIN	T9	PA	SRC	SY	F	110	50	12		90	10	22		90K	8.0	6.5	7AP
6K6GT	S	BEA	SIN	T9	PA	RCO	HY	H	315	450		8.5	250	33	23		90K	3.5	6.0	7S
3D6	S	BEA	SIN	T9	PA	SRC	SY	F	180	110	30	4.5	150	10	24			7.5	5.5	6BA
2E25		BEA	SIN	S11	PA	RCO	HY	F	400	1000	75	10.5	250	40	25			8.5	6.0	5BJ
5686	S*	BEA	SIN	T6	PA	RCU	RA	H	250	350	40	7.5	250	27	31		45K	6.4	4.0	9G
2E24		BEA	SIN	T9	PA	RCO	RC	F	500	650	75	13.5	250	40	32			9.5	7.0	7CL
2E26	S	BEA	SIN	T9	PA	RCO	RC	H	600	800	75	17.0	250	42	35			12.5	7.0	7CK
2E30		BEA	SIN	T5	PA	RCO	HY	F	275	650	60	10.0	180	32	35			9.5	6.6	7CQ
6893	S	BEA	SIN	T9	PA	RCO	RC	H	600	400	75	17.0	250	42	35			12.5	7.0	7CK
6945		BEA	SIN	T3	AFA	RCO	SY	H	250	350		3.0	100	25	35		20K	5.0	5.5	8DL
5516		BEA	SIN	T11	PA	RCO	HY	F	600	700		15.0	400	100	40			8.5	6.5	7CS
5992	S*	BEA	SIN	T9	PA	RCO	BE	H	300	600		12.0	250	47	40		45K			7S
5CM6	S	BEA	SIN	T6	PA	RCO	SY	H	315	600		12.0	250	47	41		50K	8.0	8.5	9CK
5V6GT	S	BEA	SIN	T9	PA	RCO	GE	H	315	600		12.0	250	47	41		50K	9.0	7.5	7S
6CM6	S	BEA	SIN	T6	PA	RCO	SY	H	315	450		12.0	250	47	41		50K	8.0	8.5	9CK
6E25		BEA	SIN	T9	VDA	RCO	GE	H	350	800	75	12.0	250	43	41		50K	9.0	7.0	7AC
6V6GT	S	BEA	SIN	T9	PA	RCO	HY	H	315	450		12.0	250	47	41		50K	9.0	7.5	7S

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	κ										IN	OUT	
BEAM SINGLE									ma	v	ma	w	v	ma	μmho		ohms	μμf	μμf	
12AB5	S	BEA	SIN	T6	PA	RCO	TS	H	200	315		12.0	250	47	41		50K	8.0	8.5	9EU
12CM6	S	BEA	SIN	T6	PA	RCO	SY	H	225	315		12.0	250	47	41		50K	8.0	8.5	9CK
12V6GT	S	BEA	SIN	T9	PA	RCO	TS	H	225	315		12.0	250	47	41		50K	9.0	7.5	7S
7408	S	BEA	SIN	T9	PA	RCO	W	H	450	350		14.0	250	47	41		50K	9.0	7.5	7AC
5AQ5	S	BEA	SIN	T5	PA	RCO	GE	H	600	250		12.0	250	47	41		52K	8.0	8.5	7BZ
6AQ5	S	BEA	SIN	T5	PA	RCO	TS	H	450	250		12.0	250	47	41		52K	8.0	8.5	7BZ
7C5	S	BEA	SIN	T9	PA	RCO	RA	H	450	315		12.0	250	47	41		52K	8.0	8.5	6AA
12AQ5	S	BEA	SIN	T5	PA	RCO	RC	H	225	250		12.0	250	47	41		52K	8.0	8.5	7BZ
6005	S*	BEA	SIN	T5	PA	RCO	GE	H	450	275		11.0	250	47	41		52K	8.3	7.5	7BZ
6669	S	BEA	SIN	T5	PA	RCO	GE	H	450	250		12.0	250	47	41		52K	8.0	8.5	7BZ
6287		BEA	SIN	T6	PA	RCO	SY	H	600	275	85	13.2	250	48	41		55K	8.0	9.0	9CT
6224	#	BEA	SIN	T3	PA	RCO	SO	H	450	165	50	5.0	110	30	42		10K	6.5	7.5	8DE
5902	*	BEA	SIN	T3	PA	RCO	SY	H	450	165	50	4.0	110	30	42		15K	6.5	4.5	8DL
6094	S*	BEA	SIN	T6	PA	RCO	BE	H	600	275	60	12.5	250	45	42		32K	8.5	5.3	9DK
7061		BEA	SIN	T6	PA	RCO	RC	H	210	345		9.0	200	38	42		60K	8.0	8.5	9EU
5A6		BEA	SIN	T6	PA	RCO	TS	F	230	150	40		150	28	43			8.5	6.0	9L
5812		BEA	SIN	T5	RFA	RCO	HY	F	650	300	60	10.0	250	40	43		63K	9.0	7.4	7CO
6EY6		BEA	SIN	T9	VDA	RCO	GE	H	680	350	180	11.0	250	44	44		60K	8.5	7.0	7S
7EY6		BEA	SIN	T9	VDA	RCO	GE	H	600	350	180	11.0	250	44	44		60K	8.5	7.0	7S
18A5		BEA	SIN	T9	HDA	RCO	GE	H	300	350	310	9.0	200	40	48		27K	13.0	7.0	6CK
5CZ5	S	BEA	SIN	T6	PA	RCO	RC	H	600	350		12.0	250	48	48		73K	6.0	6.0	9HN
6CZ5	S	BEA	SIN	T6	PA	RCO	RC	H	450	350	140	12.0	250	48	48		73K	6.0	6.0	9HN
6973	S	BEA	SIN	T6	PA	RCO	RC	H	450	400		12.0	250	46	48		73K	6.0	8.5	9EU
6EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	900	250	180	10.0	250	50	50			11.5	9.0	7S
9EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	600	250	180	10.0	250	50	50			11.5	9.0	7S
12EF6	S	BEA	SIN	T9	VDA	RCO	RA	H	450	250	180	10.0	250	50	50			11.5	9.0	7S
6EM5	S	BEA	SIN	T6	PA	RCO	RC	H	800	315	210	10.0	250	35	51			10.0	5.1	9HN
8EM5	S	BEA	SIN	T6	PA	RCO	RC	H	600	315	210	10.0	250	35	51			10.0	5.1	9HN
6L6GB	S#	BEA	SIN	T12	PA	RCO	SY	H	900	360		19.0	350	66	52		33K	11.5	9.5	7S
5932	S#	BEA	SIN	T12	PA	RCO	SY	H	900	400		21.0	350	66	52		33K			7S

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BUILD	USE	CHAR.	CATL.		I _f	MAX E _b E _{am} E _{ps}	MAX I _b	P _p	E _b	I _b	gm mg	μ	I _p	CAPACITY		EIA BASE REL.
							REC.	K										IN	OUT	
BEAM SINGLE									V	V	mg	W	V	mg	ma		ohms	μμf	μμf	
5881	S	BEA	SIN	T11	PA	RCO	TS	H	6.3	900	400	23.0	300	55	53		35K	11.0		7S
5AR6	S	BEA	SIN	T11	PA	RCO	BT	H	6.3	1200	565	19.0	250	77	54		21K	11.0	7.0	68Q
6098	S#	BEA	SIN	T11	P-	RCO	TS	H	6.3	1200	600	21.0	250	77	54		21K	11.0	7.0	68Q
6DW5	S	BEA	SIN	T6	PA	RCO	SY	H	6.3	1200	330	11.0	200	55	53		15K	14.0	9.0	9CK
12DW5	S	BEA	SIN	T6	PA	RCO	SY	H	12.6	600	330	11.0	200	55	53		15K	14.0	9.0	9CK
68Q6GT	S	BEA	SIN	T9	HDA	RCO	HY	H	6.3	1200	550	11.0	250	55	53		20K	15.0	7.5	6AM
128Q6GT	S	BEA	SIN	T9	HDA	RCO	SY	H	12.6	600	550	11.0	250	55	53		20K	15.0	7.5	6AM
178Q6GT8	S	BEA	SIN	T9	HDA	RCO	SY	H	16.8	450	550	11.0	250	55	53		20K	15.0	7.5	6AM
258Q6GT	S	BEA	SIN	T9	VDA	RCO	HY	H	25.0	300	550	11.0	250	55	53		20K	15.0	7.5	6AM
32ET5	S	BEA	SIN	T5	PA	RCU	SY	H	32.0	100	150	5.4	110	30	53		22K	12.0	6.0	7CV
6AS5	S	BEA	SIN	T5	PA	RCO	RC	H	6.3	800	150	5.5	150	36	56			12.0	6.2	7CV
12AS5	S	BEA	SIN	T5	PA	RCU	RA	H	12.6	400	150	5.5	150	36	56			12.0	6.2	7CV
6AU5GT	S	BEA	SIN	T9	PA	RCO	RC	H	6.3	1250	550	10.0	115	60	56		6000	11.3	7.0	6CK
3585	S	BEA	SIN	T5	PA	RCO	RC	H	35.0	150	117	4.5	110	41	58			11.0	6.5	7BZ
11C5	S	BEA	SIN	T5	PA	RCO	SY	H	11.6	450	135	4.5	110	41	58		13K	12.0	6.2	7CV
35C5	S	BEA	SIN	T5	PA	RCO	RC	H	35.0	150	135	4.5	110	41	58		13K	12.0	9.0	7CV
7A5	S	BEA	SIN	T9	PA	RCO	PL	H	6.3	750	125	5.5	110	41	58		14K			6AA
25F5	S	BEA	SIN	T5	PA	RCO	SY	H	25.0	150	135	4.5	110	37	58		16K	12.0	6.0	7CV
6DS5	S	BEA	SIN	T5	PA	RCO	RC	H	6.3	800	250	8.0	250	32	58		28K	9.5	6.3	7BZ
6AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	6.3	1200	550	11.0	250	57	59		14K	14.0	7.0	6CK
6CU6	S	BEA	SIN	T11	HDA	RCO	HY	H	6.3	1200	650	11.0	250	57	59		14K	15.0	7.0	6AM
12AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	12.6	600	550	11.0	250	57	59		14K	14.0	7.0	6CK
12CU6	S	BEA	SIN	T11	HDA	RCO	SY	H	12.6	600	600	11.0	250	57	59		14K	15.0	7.0	6AM
17AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	16.8	450	550	11.0	250	57	59		14K	14.0	7.0	6CK
25AV5GA	S	BEA	SIN	T11	HDA	RCO	GE	H	25.0	300	550	11.0	250	57	59		14K	14.0	7.0	6CK
25CU6	S	BEA	SIN	T12	HDA	RCO	SY	H	25.0	300	600	11.0	250	57	59		14K	15.0	7.0	6AM
6FH6	S	BEA	SIN	T12	HDA	RCO	SY	H	6.3	1200	770	17.0	250	75	60		12K	33.0	8.0	6AM
6CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	6.3	1200	600	11.0	250	65	60		18K	12.9	6.9	9MC
12CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	12.6	600	600	11.0	250	65	60		18K	12.9	6.9	9MC
25CR5	S	BEA	SIN	T6	HDA	RCO	WH	H	25.0	300	600	11.0	250	65	60		18K	12.9	6.9	9MC

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG. K	CATH.	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_D	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
BEAM SINGLE									V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	$\mu\mu f$	$\mu\mu f$	
7027		BEA SIN	T12	PA	RCO	RC	H		6.3	900	450	400	25.0	250	72	60		22K	10.0	7.5	8HY
6BG6GA	S	BEA SIN	T12	HDA	RCO	GE	H		6.3	900	700	400	20.0	250	75	60		25K	11.0	6.0	5BT
19BG6G	S	BEA SIN	S16	HDA	RCO	GE	H		18.9	300	700	400	20.0	250	75	60		25K	11.0	6.0	5BT
35A5		BEA SIN	T9	PA	RCO	PL	H		35.0	150	200		8.5	200	44	60		40K			6AA
35L6GT	S	BEA SIN	T9	PA	RCO	TS	H		35.0	150	200		8.5	200	43	61		34K			7S
6DT5		BEA SIN	T6	VDA	RCO	WH	H		6.3	1200	315	190	9.0	250	38	62			12.5	4.9	9HN
12DT5	S	BEA SIN	T6	VDA	RCO	WH	H		12.6	600	315	190	9.0	250	38	62			12.5	4.9	9HN
25DT5	S	BEA SIN	T6	VDA	RCO	SY	H		25.0	300	315	190	9.0	250	38	62			12.5	4.9	9HN
6CL5	S	BEA SIN	T12	HDA	RCO	SY	H		6.3	2500	700	840	25.0	175	90	65		6000	20.0	11.5	8GD
6DQ6A	S	BEA SIN	T12	HDA	RCO	HY	H		6.3	1200	700	440	15.0	250	75	66		20K	15.0	7.0	6AM
12DQ6A	S	BEA SIN	T12	HDA	RCO	RC	H		12.6	600	700	440	15.0	250	75	66		20K	15.0	7.0	6AM
17DQ6A	S	BEA SIN	T12	HDA	RCO	GE	H		16.8	450	700	440	15.0	250	75	66		20K	15.0	7.0	6AM
25DQ6A	S	BEA SIN	T12	HDA	RCO	HY	H		25.0	300	700	440	15.0	250	75	66		20K	15.0	7.0	6AM
5763	S	BEA SIN	T6	VHF	RCO	RC	H		6.0	750	300	50	12.0	300	50	70			9.5	4.5	9K
6146	S	BEA SIN	T12	PA	RCO	RC	H		6.3	1250	400	90	25.0	400	50	70			13.5	8.5	7CK
6159	S	BEA SIN	T12	PA	RCO	RC	H		26.5	300			25.0	400	50	70			13.5	8.5	7CK
6417	S	BEA SIN	T6	VHF	RCO	RC	H		12.6	375	300	50	12.0	300	50	70			9.5	4.5	9K
6883		BEA SIN	T12	PA	RCO	RC	H		12.6	625	400	90	25.0	400	50	70			13.5	8.5	7CK
7212	#	BEA SIN	T12	PA	RCO	RC	H		6.3	1250	750	135	25.0	600	100	70			13.5	8.5	8EC
7358	#	BEA SIN	T12	ONA	RCO	RC	H		6.3	1250	4K	3000	10.0	3K	1500	70			13.0	8.5	8EC
12R5	S	BEA SIN	T5	VDA	RCO	SY	H		12.6	600	150	155	4.5	110	40	70		13K	13.0	9.0	7CV
17R5	S	BEA SIN	T5	VDA	RCO	SY	H		16.8	450	150	155	4.5	110	40	70		13K	13.0	9.0	7CV
6Y6GA	S	BEA SIN	T12	PA	RCO	SY	H		6.3	1250	200		12.5	200	66	71		18K	12.0	7.5	7S
25C6GA	S	BEA SIN	T12	PA	RCO	SY	H		25.0	300	200		12.5	135	66	71		18K			7S
26EGWG	#	BEA SIN	T11	PA	RCO	TS	H		26.5	300	220		12.5	200	66	71		18K			7S
50C6GA	S	BEA SIN	T12	PA	RCO	RA	H		50.0	300	200		12.5	135	66	71		18K			7S
6293	S	BEA SIN	T12	PA	RCO	RC	H		6.3	1250	4K	3000	10.0	200	100	73			13.5	8.5	7CK
25EC6	S	BEA SIN	T12	HDA	RCO	GE	H		25.0	600	700	700	10.0	135	70	75		4700	24.0	10.0	5BT
6CU5	S	BEA SIN	T5	PA	RCO	RC	H		6.3	1200	135		6.0	120	50	75		10K	13.0	8.5	7CV
12C5	S	BEA SIN	T5	PA	RCO	WH	H		12.6	600	135		5.5	110	50	75		10K	13.0	9.0	7CV

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
BEAM SINGLE									V	V	ma	W	V	ma	μ mb		ohms	μ mf	μ mf	
	12CU5	S	BEA SIN	T5	PA	RCO RC	H		12.6	600	135	6.0	120	50	75		10K	13.0	8.5	7CV
	17C5	S	BEA SIN	T5	PA	RCO GE	H		16.8	450	135	5.5	110	50	75		10K	13.0	9.0	7CV
	17CU5	S	BEA SIN	T5	PA	RCO WH	H		16.8	450	135	6.0	120	50	75		10K	13.0	8.5	7CV
	25C5	S	BEA SIN	T5	PA	RCO RA	H		25.0	300	135	5.5	110	50	75		10K	13.0	6.1	7CV
	50B5	S	BEA SIN	T5	PA	RCO RC	H		50.0	150	135	5.5	110	50	75		10K	13.0	6.5	7BZ
	50C5	S	BEA SIN	T5	PA	RCO RC	H		50.0	150	135	5.5	110	50	75		10K	13.0	9.0	7CV
	68F5	S	BEA SIN	T5	VDA	RCO PL	H		6.3	1200	250	5.0	110	39	75		12K	14.0	6.0	7BZ
	12DM5	S	BEA SIN	T5	PA	RCO HY	H		12.6	450	135	5.5	110	50	75		14K	13.0	9.0	7CV
	6CD6GA	S	BEA SIN	T12	HDA	RCO GE	H		6.3	2500	700	20.0	175	75	77		7200	22.0	8.5	5BT
	25CD6GA	S	BEA SIN	T12	HDA	RCO GE	H		25.0	600	700	20.0	175	75	77		7200	22.0	8.5	5BT
	35CD6GA	S	BEA SIN	T12	HDA	RCO SY	H		35.0	450	700	20.0	175	75	77		7200	22.0	8.5	5BT
	6EX6	S	BEA SIN	T12	HDA	RCO RA	H		6.3	2250	770	22.0	175	67	77		8500	22.0	8.5	5BT
	21EX6	S	BEA SIN	T12	HDA	RCO RA	H		21.5	600	770	22.0	175	67	77		8500	22.0	8.5	5BT
	6000	S	BEA SIN	T11	PA	RCO TS	H		26.5	280	600	25.0	250	70	80			15.0	7.0	6CK
	6CS5	S	BEA SIN	T6	PA	RCO HY	H		6.3	1200	300	10.0	200	47	80		28K	15.0	9.0	96R
	6DB5	S	BEA SIN	T6	VDA	RCO HY	H		6.3	1200	300	10.0	200	47	80		28K	15.0	9.0	96R
	6DG6GT	S	BEA SIN	T9	PA	RCO RA	H		6.3	1200	200	10.0	200	47	80		28K	15.0	10.0	7S
	6W6GT	S	BEA SIN	T9	PA	RCO HY	H		6.3	1200	300	10.0	200	47	80		28K	15.0	9.0	7S
	12CS5	S	BEA SIN	T6	PA	RCO HY	H		12.6	600	300	10.0	200	47	80		28K	15.0	9.0	96R
	12DB5	S	BEA SIN	T6	VDA	RCO HY	H		12.6	600	300	10.0	200	47	80		28K	15.0	9.0	96R
	12EN6	S	BEA SIN	T9	PA	RCO WH	H		12.6	600	300	7.0	200	50	80		28K	14.0	8.0	7S
	12L6GT	S	BEA SIN	T9	PA	RCO GE	H		12.6	600	200	10.0	200	47	80		28K	15.0	9.0	7S
	12W6GT	S	BEA SIN	T9	PA	RCO GE	H		12.6	600	300	10.0	200	47	80		28K	15.0	9.0	7S
	17L6GT	S	BEA SIN	T9	PA	RCO SY	H		16.8	450	200	10.0	200	47	80		28K			7S
	25L6GT	S	BEA SIN	T9	PA	RCO HY	H		25.0	300	200	10.0	200	47	80		28K			7S
	25W6GT	S	BEA SIN	T9	PA	RCO GE	H		25.0	300	300	10.0	200	47	80		28K	15.0	9.0	7S
	50L6GT	S	BEA SIN	T9	PA	RCO RC	H		50.0	150	200	10.0	200	47	80		28K			7S
	6046	S	BEA SIN	T9	PA	RCO GE	H		50.0	300	200	10.0	200	47	80		28K			7S
	50A5	S	BEA SIN	T9	PA	RCO SY	H		50.0	150	200	10.0	200	55	82		35K			6AA
	12ED5	S	BEA SIN	T5	PA	SRC SY	H		12.6	450	150	6.2	125	37	85		14K	14.0	8.5	7CV

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K									IN	OUT	
BEAM SINGLE									V	MA	W	V	MA	μmhos		ohms	μμf	μμf	
	6BK5	S	BEA	SIN	T6	PA	SRC	GE	H	6.3	1200	250	37	85		100K	13.0	5.0	9BQ
	12BK5	S	BEA	SIN	T6	PA	SRC	GE	H	12.6	600	250	37	85		100K	13.0	5.0	9BQ
	25BK5	S	BEA	SIN	T6	PA	SRC	GE	H	25.0	300	250	37	85		100K	13.0	5.0	9BQ
	50BK5	S	BEA	SIN	T6	PA	SRC	WH	H	50.0	150	250	37	85		100K	13.0	5.0	9BQ
	6CB5A	S	BEA	SIN	T12	HDA	RCO	RC	H	6.3	2500	800	90	88		5000	22.0	10.0	8GD
6216	#																		
	6DN6	S	BEA	SIN	T6	PA	RCO	HY	H	6.3	1200	300	51	88		39K	12.3	6.7	9CE
	25DN6	S	BEA	SIN	T12	HDA	RCO	SY	H	6.3	2500	700	70	90		4000	22.0	11.5	5BT
	6CA5	S	BEA	SIN	T5	PA	SRC	GE	H	25.0	600	700	70	90		4000	22.0	11.5	5BT
	12CA5	S	BEA	SIN	T5	PA	SRC	GE	H	6.3	1200	130	37	92		15K	15.0	9.0	7CV
		S	BEA	SIN	T5	PA	SRC	GE	H	12.6	600	130	37	92		15K	15.0	9.0	7CV
17CA5		S	BEA	SIN	T5	PA	SRC	SY	H	16.8	450	130	37	92		15K	15.0	9.0	7CV
	25CA5	S	BEA	SIN	T5	PA	SRC	GE	H	25.0	300	130	37	92		15K	15.0	9.0	7CV
	50CA5	S	BEA	SIN	T5	PA	SRC	H		50.0	150	130	37	92		15K	15.0	9.0	7CV
	6DQ5	S	BEA	SIN	T12	PA	RCO	RC	H	6.3	2500	900	110	105		5500	23.0	11.0	8JC
	6BQ5	S	BEA	SIN	T6	PA	SRC	SY	H	6.3	760	300	50	113		38K	10.8	6.5	9CV
	8BQ5	S	BEA	SIN	T6	PA	SRC	AM	H	8.0	600	300	50	113		38K	10.8	6.5	9CV
BEAM TWIN																			
	28D7W	#	BEA	TWN	T9	PA	RCO	SY	H	28.0	400	100	12	34		4200			8BS
	26A7GT		BEA	TWN	T9	PA	SRC	RC	H	26.5	600	50	20	57			16.0	13.0	8BU
6DY7			BEA	TWN	T12	PA	RCO	SY	H	6.3	1200	400	50	60		28K			8JP
BEAM MISC.																			
	3BN6	S	GTB	SIN	T5	DIS		GE	H	3.2	600	300	12						7DF
	4BN6	S	GTB	SIN	T5	DIS		GE	H	4.2	450	300	12				4.2		7DF
	6BN6	S	GTB	SIN	T5	DIS		GE	H	6.3	300	300	12				4.2		7DF
	12BN6	S	GTB	SIN	T5	DIS		GE	H	12.6	150	300	12				4.2		7DF
	6AR8		SHB	SIN	T6	DET	SRC	GE	H	6.3	300	300	30	40				5.0	9DP

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E_f	I_f	MAX E_b E_{p1}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																		IN	OUT	
BEAM WITH TRIODE								V	ma	V	ma	W	V	ma	$\mu mhos$		ohms	μf	μf	
50FY8		BEA	TRI	T6	PA	SRC	HY	H	150	150		10.0	125	70	75		5000			9EX
PENTODE SINGLE																				
6888	S	PND	SIN	T9	GA	SRC	SY	H	800	250	600	8.0	150	38				12.0	6.5	8N
5889	S	PND	SIN	T3	EL	SCO	RA	F	8	45	3000		12	40	*1		5M			FL
CK534AX		PND	SIN	T3F	VA	SCO	RA	F	15	30	1000		15	90	*1		8M	2.2		FL
5886	S	PND	SIN	T3F	EL	SCO	RA	F	10	22	3000		8	60	*1		12M			FL
CK549DX	S	PND	SIN	T2F	VA	SCO	RA	F	10				15	50	*1					FL
CK512AX		PND	SIN	T3F	AFA	SCO	RA	F	20	25	1000		15	500			2M	2.3	1.5	FL
6281		PND	SIN	T3F	AFA	SCO	RA	F	20	25	1000		15	500			2M	2.5	3.4	FL
6419	S	PND	SIN	T2F	VA	SCO	RA	F	10	25	1000		15	550			2M			FL
CK574AX		PND	SIN	T3F	RFA	SCO	RA	F	20				22	1250			1M			FL
CK527AX		PND	SIN	T3F	PA	SCO	RA	F	15	45	5000		22	1000			2M			FL
CK5420X	S	PND	SIN	T2F	PA	SCO	RA	F	15	30	7000		22	4250			150K			FL
CK548DX	S	PND	SIN	T2F	PA	SCO	RA	F	10				22	2400			250K			FL
6418	S	PND	SIN	T2F	PA	SCO	RA	F	10	30	5000		22	2400			420K			FL
CK546DX		PND	SIN	T3F	PA	SCO	RA	F	10				22	3750			200K			FL
CK526AX		PND	SIN	T3F	PA	SCO	RA	F	20	45	1		22	4500			220K			FL
6519		PND	SIN	T2F	PA	SCO	RA	F	10	30	6000		22	4000			300K			FL
CK533AX		PND	SIN	T3F	PA	SCO	RA	F	15	45	6500		22	3600			500K			FL
CK547DX		PND	SIN	T2F	PA	SCO	RA	F	10	45	5000		30	2700			750K			FL
6932		PND	SIN	T3	GA	SCO	RA	F	20	68	2		45	5600				3.5	3.85	FL
2E35		PND	SIN	T3F	PA	SCO	RA	F	30	45	1		45	4500			250K	2.7	5.7	FL
CK502AX		PND	SIN	T3F	PA	SCO	RA	F	30	45	1		45	4500			250K	2.7	5.7	FL
2E31		PND	SIN	T3F	RFA	SCO	RA	F	50	45	1		22	4000			350K	4.2	4.0	FL
6092		PND	SIN	T3F	PA	SRC	RA	F	50	68	4		45	1						FL
5672		PND	SIN	T3F	PA	SRC	RA	F	50	100	6		68	3			125K	2.8	3.5	FL
5854		PND	SIN	T3F	PA	SCO	RA	F	30	50			45	8000			350K			FL

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.	E _f	I _f	MAX E _b F _{px}	MAX I _b	P _d	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
																		IN	OUT	
PENTODE SINGLE								V	ma	V	ma	W	V	ma	μmho		ohms	μμf	μμf	
6088	S	PND	SIN	T3F	PA	SCO	RA	F	20	68	2		45	650U	6		700K			FL
12AC6	S	PND	SIN	T5	RFA	SCO	TS	H	150	30	20		13	550U	7		500K	4.3	5.0	78K
1AD5	S	PND	SIN	T3	VA	SCO	SY	F	40	68	4		68	2	7		700K	1.8	2.8	8CP
3DT6	S	PND	SIN	T5	DET	SCO	RC	H	600	330		1.7	150	1	8		150K	5.8		7EN
4DT6	S	PND	SIN	T5	DET	SCO	RA	H	450	300		1.5	150	1	8		150K	5.8		7EN
6DT6	S	PND	SIN	T5	DET	SCO	RC	H	300	330		1.7	150	1	8		150K	5.8		7EN
1P5GT	S	PND	SIN	T9	RFA	SRC	HY	F	50	110	5		90	2	8		800K	3.0	10.0	5Y
1LC5		PND	SIN	T9	RFA	SCO	SY	F	50	110			90	1	8		1M	3.2	7.0	7AO
1LG5		PND	SIN	T9	RFA	SRC	SY	F	50	110	5		90	2	8		1M	3.2	7.0	7AO
1LN5		PND	SIN	T9	RFA	SCO	PL	F	50	110			90	2	8		1M	3.0	8.0	7AO
1AH4		PND	SIN	T3F	RFA	SCO	RA	F	40	90	2		68	1	8		2M	3.5	4.5	FL
1AK4		PND	SIN	T3F	RFA	SCO	RA	F	20	90	1		68	750U	8		2M	3.5	4.5	FL
1N5GT	S	PND	SIN	T9	RFA	SCO	HY	F	50	110	5		90	1	8		2M	2.8	9.0	5Y
6395	#	PND	SIN	T5	RFA	SCO	RA	F	50	100	6	0.4	90	2	9		170K	3.7	6.3	6AR
1T4WA	#	PND	SIN	T5	IFA	SRC	RA	F	50	100	5		90	4	9			3.8	6.5	6AR
1L4	S	PND	SIN	T5	RFA	SCO	RC	F	50	110	6		90	3	9		600K	3.6	7.5	6AR
1U4	S	PND	SIN	T5	VA	SCO	TS	F	50	110	6		90	2	9		1M	3.6	7.5	6AR
1AF4	S	PND	SIN	T5	VA	SCO	SY	F	25	110	3		68	1	9		2M	3.8	7.5	6AR
5910	S	PND	SIN	T5	VA	SCO	RA	F	50	90	6		90	2	9		2M	3.6	7.5	6AR
1AG4		PND	SIN	T3F	PA	SCO	RA	F	40	90	4		41	2	10		180K			FL
6611		PND	SIN	T3F	RFA	SCO	RA	F	20	50	2	0.1	30	1	10		400K	4.0	4.0	FL
5879	S	PND	SIN	T6	VA	SRC	RC	H	150	300		1.2	250	2	10		2M	2.7	2.4	9AD
5678	S	PND	SIN	T3F	RFA	SCO	RA	F	50	90			68	2	11		1M	3.3	3.8	FL
12AF6	S	PND	SIN	T5	RFA	SCO	GE	H	150	16		0.8	250	13	12		300K	5.5	4.8	7BK
6C6	S	PND	SIN	S12	GEN	SCO	GE	H	300	300				2	12		1M	5.0	6.5	6F
6J7GT	S	PND	SIN	T9	VA	SCO	HY	H	300	300		0.8	250	2	12		1M	4.6	12.0	7R
1620	S#	PND	SIN	MT8	VA	SCO	RC	H	300	250		0.5	100	800U	12		1M	7.0	12.0	7R
6788	#	PND	SIN	T3	AFA	SCO	SY	H	175	250				2	13		1M	2.5	3.2	8DL
5972		PND	SIN	T3F	RFA	SRC	RA	F	60	75		1.0	250	68	2		1M	4.3	4.1	FL
7C7		PND	SIN	T9	VA	SCO	SY	H	150	300				2	13		2M	5.5	6.5	8V

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		MAX E _b E _{ox} E _{px}	I _f ma	P _d w	E _b v	I _b ma	gm 100	μ	r _p ohms	CAPACITY		EIA BASE NO.
							REG.	K									IN	OUT	
PENTODE SINGLE																	μμf	μμf	
354	S	PND	SIN T5	T5	PA	SRC	RC	F	90	50		68	12	6		100K			78A
1AB5		PND	SIN T9	VA	VA	RCO	SY	F	150	130		150	20	7		125K	2.8	4.2	58F
12BL6		PND	SIN T5	T5	RFA	SCO	TS	H	30	150		13		1		500K	5.5	4.8	78K
934		PND	SIN T5	ACO	RFA	SCO	RC	H	250	150	0.5	250		2		1M	3.4	3.0	58B
9001		PND	SIN T5	T5	DET	SCO		H	250	150	0.5	250		2		1M	3.6	3.0	78D
1S4		PND	SIN T5	T5	PA	SRC	RC	F	90	100		68	11	7		100K			7AV
1C5GT		PND	SIN T9	PA	PA	SRC	HY	F	110	100		90	12	8		115K			6X
6147		PND	SIN T3	T3	RFA	SRC	RA	F	180	62	1.5	125	14	6		175K	2.6	2.15	6CL
1AE4		PND	SIN T5	T5	RFA	SCO	RA	F	90	100		90	11	4		500K	3.6	4.4	6AR
6K7GT		PND	SIN T9	VA	VA	RCO	HY	H	300	300	2.8	250	10	10		600K	4.6	12.0	7R
6S7WGT	S#	PND	SIN T8	MT8	RFA	SRC	RC	H	300	300	2.5	250	3	3		1M	6.0	7.0	8N
12S7GT	S	PND	SIN T9	T9	RFA	SRC	HY	H	300	150	2.5	250	3	3		1M	6.0	7.0	8N
5693	S#	PND	SIN T8	VA	VA	SCO	RC	H	300	300	2.0	250	10	3		1M	5.3	6.2	8N
1F5G		PND	SIN T14	PA	PA	SRC	SY	F	180	120	1.8	135	8	17		200K	3.4	3.0	6X
956		PND	SIN T5	ACO	RFA	RCO	RC	H	250	150	1.7	250	7	18		700K			58B
9003	S	PND	SIN T5	T5	RFA	RCO		H	250	150	1.7	250	7	18		700K	3.4	3.0	78D
787		PND	SIN T9	T9	RFA	RCO	PL	H	300	150	2.2	250	8	18		750K	5.0	6.0	8V
3A4		PND	SIN T5	T5	PA	RCO	RC	F	150	100	2.0	135	15	19		90K	4.8	4.2	78B
6526		PND	SIN T3F	T3F	PA	SRC	RA	F	135	125	1.1	110	6	19		140K			FL
6DB6		PND	SIN T5	T5	VHF	SCO	WH	H	300	300	3.0	150	6	20		50K	6.0	5.0	7CM
6954		PND	SIN T5	T5	GA	SCO	WH	H	300	300	3.0	150	6	20		50K	6.0	5.0	7CM
3Q4	S	PND	SIN T5	T5	PA	SRC	RC	F	90	50		90	12	8		120K			78A
3V4	S	PND	SIN T5	T5	PA	SRC	NU	F	90	50		90	12	8		120K	5.5	3.8	68X
559C	S	PND	SIN T5	T5	UHF	SRC	WE	H	180	150	1.7	90	4	20		450K	3.2	2.0	78D
1AD4		PND	SIN T3F	T3F	VA	SCO	RA	F	100	100		45	7	3		500K	4.0	4.0	FL
26CG6		PND	SIN T5	T5	IFA	RCO	SY	H	300	70	26.5	250	9	20		720K	5.0	5.0	78K
6BD6	S	PND	SIN T5	T5	IFA	RCO	RA	H	300	300	6.3	250	14	9		800K	4.3	5.0	78K
6SK7WA	S*	PND	SIN T8	MT8	RFA	RCO	RC	H	300	300	6.3	250	9	20		800K	5.0	7.0	8N
7A7	S	PND	SIN T9	T9	RFA	RCO	PL	H	300	300	6.3	250	9	20		800K	5.5	7.0	8V
12BD6	S	PND	SIN T5	T5	IFA	RCO	RA	H	300	150	12.6	250	14	9		800K	4.3	5.0	78K

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.	
							REG.	K										IN	OUT		
PENTODE SINGLE									V	ma	V	W	V	ma	μmho		ohms	μμf	μμf		
12SK7GT	S	PND	SIN	T9	RFA	RCO	HY	H	12.6	150	300		4.0	250	9	20		800K	6.5	7.5	8N
6137	S*	PND	SIN	MT8	RFA	RCO	GE	H	6.3	300	300		3.0	250	9	20		800K	5.0	7.0	8N
5908	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	150	55	10		26	3	22		31K	4.0	3.2	8DC
6BA5		PND	SIN	T3	VA	SRC	SY	H	6.3	150	150		0.7	100	6	22		175K	3.2	1.6	8DY
6AR5	S	PND	SIN	T5	PA	RCO	HY	H	6.3	400	250		8.5	250	33	23		68K			6CC
7B5	S	PND	SIN	T9	PA	RCO	RA	H	6.3	400	315		8.5	250	33	23		90K	5.5	6.0	6AE
6AK6		PND	SIN	T5	PA	RCO	RC	H	6.3	150	300		2.8	180	15	23		K	3.6	4.2	7BK
5875		PND	SIN	T3F	OSC	SCO	RA	F	1.2	100	100	7		90	4	25			4.0	4.0	FL
6F6GT	S	PND	SIN	T9	PA	RCO	RC	H	6.3	700	375		11.0	250	36	25		80K			7S
6AJ5	S	PND	SIN	T5	UHF	SCO	WE	H	6.3	175	180	18	1.7	28	3	25		100K	4.0	2.1	7BD
6842	*	PND	SIN	T5	REG	SCO	NU	H	6.3	150	4K	100	8.0	2K	4	25		930K	3.95	1.34	7EQ
5905	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	45	55	10		26	2	28		150K	4.0	3.4	8DL
5907	*	PND	SIN	T3	UHF	SCO	SY	H	26.5	45	55	10		26	3	30		100K	4.0	1.9	8DL
6612		PND	SIN	T3F	RFA	SCO	RA	F	1.2	80	50	6	0.2	30	3	30		180K	5.5	4.2	FL
12EZ6		PND	SIN	T5	RFA	SCO	TS	H	12.6	175	30	10		14	2	30		300K	7.8	5.5	7BK
12CX6		PND	SIN	T5	RFA	SCO	SY	H	12.6	150	33			13	3	31		40K	7.6	6.2	7BK
5725	S*	PND	SIN	T5	RFA	SCO	RA	H	6.3	175	200	20	1.6	120	5	32			3.9	3.0	7CM
5784WA	S*	PND	SIN	T3	VHF	SRC	RA	H	6.3	200	165	16	1.2	120	5	32					FL
6486	S*	PND	SIN	T6	RFA	SCO	BE	H	6.3	250	180	18	2.0	120	4	32			4.4	3.7	9DV
6AS6	S	PND	SIN	T5	VA	SRC	BT	H	6.3	175	180	18	1.7	120	5	32		110K	3.9	2.2	7CM
5636	S*	PND	SIN	T3	GA	SRC	SY	H	6.3	150	165	11	1.1	100	5	32		110K	4.0	1.9	8DC
5916	S*	PND	SIN	T3	GA	SRC	SY	H	26.5	45	165	11	1.1	100	5	32		110K	4.0	3.4	8DC
12CY6		PND	SIN	T5	RFA	SCO	SY	H	12.6	200	33			13	2	32		140K	8.5	4.0	7BK
6944	#	PND	SIN	T3	RFA	SRC	SY	H	6.3	175	250	15	1.0	100	7	32		280K	2.9	3.1	8DC
12DK5		PND	SIN	T6	IFA	SCO	WH	H	12.6	300	16			13	2	33		100K	9.5	2.65	9GT
837		PND	SIN	S16	RFA	RCO	RC	H	12.6	700	500	40	12.0	500	30	34			16.0	10.0	6BM
5618		PND	SIN	T5	VHF	SRC	RC	H	6.0	230	300	30	5.0	250	18	35			7.0	5.0	7CU
12DX6		PND	SIN	T5	RFA	RCC	GE	H	12.6	190	16			13	5	36		30K	9.5	4.0	7BK
6943	S*	PND	SIN	T3	RFA	SRC	SY	H	6.3	175	250	15	1.0	100	8	36		300K	3.8	3.8	8DC
6BJ6	S	PND	SIN	T5	RFA	RCO	TS	H	6.3	150	300		3.0	250	9	36		1M	4.5	5.5	7CM

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	g _m 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
PENTODE SINGLE																					
6SD7GT		PND	SIN	T9	RFA	SRC	TS	H	6.3	300	300		4.0	250	6	36		1M	9.0	7.5	8N
6662	S	PND	SIN	T5	RFA	RCO	GE	H	6.3	150	330		3.3	250	9	36		1M	4.5	5.5	7CM
12EA6		PND	SIN	T5	IFA	SCO	GE	H	12.6	175	16				3	38		32K	11.0	4.0	7BK
12CN5		PND	SIN	T5	IFA	SCO	RA	H	12.6	450	16				4	38		40K			7CV
26A6		PND	SIN	T5	RFA	RCO	RC	H	26.5	70	250		3.0	250	10	40		1M	6.0	5.0	7BK
6872	*	PND	SIN	T3	VHF	SRC	RA	H	6.3	200	165	16	1.1	120	8	41		340K	5.0	3.5	FL
12EK6		PND	SIN	T5	RFA	SCO	SY	H	12.6	190	16				4	42		400K	10.0	5.5	7BK
5654	S*	PND	SIN	T5	UHF	SCO	RA	H	6.3	175	200	20	1.6	150	7	43		420K	4.0	2.85	7BD
18GD6		PND	SIN	T5	RFA	SCO	SY	H	18.0	100	150		2.5	100	5	43		500K	6.0	5.0	7BK
18FW6		PND	SIN	T5	RFA	RCO	SY	H	18.0	100	150		2.5	100	11	44		250K	5.5	5.0	7BK
3BA6	S	PND	SIN	T5	RFA	RCO	GE	H	3.2	600	300		3.0	250	11	44		1M	5.5	5.0	7BK
4BA6	S	PND	SIN	T5	RFA	RCO	GE	H	4.2	450	300		3.0	250	11	44		1M	5.5	5.0	7BK
6BA6	S	PND	SIN	T5	RFA	RCO	RC	H	6.3	300	300		3.0	250	11	44		1M	5.5	5.0	7BK
12BA6	S	PND	SIN	T5	RFA	RCO	RC	H	12.6	150	300		3.0	250	11	44		1M	5.5	5.0	7BK
5749	S*	PND	SIN	T5	RFA	RCO	GE	H	6.3	300	300		3.0	250	11	44		1M	5.5	5.0	7BK
6660	S	PND	SIN	T5	RFA	RCO	GE	H	6.3	300	330		3.3	250	11	44		1M	5.5	5.0	7BK
6225	*	PND	SIN	T3	VA	SRC	SO	H	6.3	175	165	16	1.1	100	7	45		175K	4.1	3.4	8DE
5899	*	PND	SIN	T3	UHF	SRC	SY	H	6.3	150	165	16	1.1	100	7	45		260K	4.0	1.9	8DL
6206	S*	PND	SIN	T3	UHF	SRC	SY	H	6.3	150	165	16	1.1	100	7	45		260K	4.0	1.9	8DC
6582A	S	PND	SIN	T6	RFA	SRC	BE	H	6.3	250	200	20	2.0	120	8	45		500K	4.5	3.0	9EJ
3AU6	S	PND	SIN	T5	IFA	SCO	GE	H	3.2	600	300		3.0	250	8	45		2M	5.5	5.0	7BK
4AU6	S	PND	SIN	T5	IFA	SCO	RC	H	4.2	450	300		3.0	250	8	45		2M	5.5	5.0	7BK
6AU6WA	S*	PND	SIN	T5	IFA	SCO	RC	H	6.3	300	330		3.3	250	8	45		2M	5.5	5.0	7BK
12AU6	S	PND	SIN	T5	IFA	SCO	TS	H	12.6	150	300		3.0	250	8	45		2M	5.5	5.0	7BK
6BH6	S	PND	SIN	35	RFA	SRC	RC	H	6.3	150	300		3.0	250	7	46		1M	5.4	4.4	7CM
6265	S*	PND	SIN	T5	VA	SRC	GE	H	6.3	175	300		2.0	250	7	46		1M	5.2	4.4	7CM
6661	S	PND	SIN	T5	RFA	SRC	GE	H	6.3	150	330		3.3	250	7	46		1M	5.4	4.4	7CM
6SG7	S	PND	SIN	MT8	IFA	RCO	RC	H	6.3	300	300		3.0	250	12	47		900K	8.5	7.0	8BK
12SG7	S	PND	SIN	MT8	IFA	RCO	RC	H	12.6	150	300		3.0	250	12	47		900K	8.5	7.0	8BK
6SH7T	S	PND	SIN	T9	RFA	SCO	TS	H	6.3	300	300		3.0	250	11	49		900K	8.5	7.0	8BK

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY IN OUT	EIA BASE NO.
PENTODE SINGLE								V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$	
12SH7	S	PND	SIN	MT8	RFA	SCO	RC	H	150	300	20	3.0	250	11	49		900K	8.5	88K
6968	S*	PND	SIN	T5	RFA	SRC	HY	H	175	200	20	1.6	120	8	50		15K	4.0	78D
5824	S	PND	SIN	T9	PA	RCO	GE	H	300	200	20	12.5	135	69	50		150K	4.4	75
6245	#	PND	SIN	T3	UHF	SRC	RA	H	200	200	20	1.8	120	8	50		175K	4.2	FL
6223	#	PND	SIN	T3	VA	SRC	SO	H	175	165	16	1.1	100	8	50		340K	3.4	8DE
5840	S*	PND	SIN	T3	UHF	SRC	SY	H	150	165	16	1.1	100	8	50		260K	4.0	8DL
5906	S*	PND	SIN	T3	UHF	SRC	SY	H	45	165	16	1.1	100	8	50		260K	4.0	8DL
6205	S*	PND	SIN	T3	UHF	SRC	SY	H	150	165	16	1.1	100	8	50		260K	4.0	8DC
408A	S*	PND	SIN	T5	GEN	SRC	SY	H	50	180	18	1.7	120	7	50		340K	3.9	78D
5702WB	S*	PND	SIN	T3	VHF	SCO	RA	H	200	165	16	1.1	120	8	50		340K	5.05	FL
6540	S	PND	SIN	T3	RFA	SRC	RA	H	200	165	16	1.1	120	8	50		340K	4.8	FL
7083	S*	PND	SIN	T3	VHF	SCO	RA	H	200	200	20	1.8	120	8	50		340K	5.0	FL
6AB7	S	PND	SIN	MT8	RFA	SRC	RC	H	450	300	20	3.8	300	12	50		700K	8.0	8N
6AG5	S	PND	SIN	T5	VHF	SRC	RC	H	300	300	20	2.0	250	6	50		800K	6.5	78D
6AW6	S	PND	SIN	T5	VA	SCO	HY	H	300	300	20	2.0	250	7	50		800K	6.5	7CM
12AW6	S	PND	SIN	T5	VA	SCO	RC	H	150	300	20	2.0	250	7	50		800K	6.5	7CM
6186	S	PND	SIN	T5	VHF	SRC	RA	H	300	330	20	2.5	250	7	50		800K	6.5	78D
5591	S	PND	SIN	T5	UHF	SCO	BT	H	150	180	18	1.7	130	8	51		350K	4.0	78D
6AK5	S	PND	SIN	T5	UHF	SRC	WE	H	175	180	18	1.7	180	8	51		500K	4.0	78D
6136	S*	PND	SIN	T5	RFA	SCO	GE	H	300	300	20	3.0	250	11	52		1M	6.0	78K
7543	S*	PND	SIN	T5	IFA	SCO	SY	H	300	300	20	3.0	250	11	52		1M	5.5	78K
3D21A		PND	SIN	S14	OSC	RCO	HY	H	850	4K	15	15.0	600	30	55		500K	6.5	6BU
6DC6		PND	SIN	T5	VA	SRC	RC	H	300	300	20	2.0	200	9	55		500K	6.5	7CM
6028	S	PND	SIN	T5	UHF	SCO	WE	H	50	180	18	1.7	120	9	56		250K	3.9	78D
3BC5	S	PND	SIN	T5	RFA	SRC	GE	H	600	300	20	2.0	250	8	57		800K	6.5	78D
4BC5	S	PND	SIN	T5	RFA	SRC	GE	H	450	300	20	2.0	250	8	57		800K	6.5	78D
6BC5	S	PND	SIN	T5	RFA	SRC	PL	H	300	300	20	2.0	250	8	57		800K	6.5	78D
7AK7	S	PND	SIN	T9	GA	RCO	SY	H	800	200	20	8.5	150	40	60		12K	12.0	8V
3CB6	S	PND	SIN	T5	IFA	SCO	GE	H	600	300	20	2.3	200	10	62		600K	6.5	7CM
3CF6	S	PND	SIN	T5	IFA	SCO	RC	H	600	300	20	2.0	200	10	62		600K	6.5	7CM

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.	E _f	I _f	MAX E _b on E _{pr}	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
																	IN	OUT	
PENTODE SINGLE								V	ma	V	W	V	ma	μmho		ohms	μmfd	μmfd	
4CB6	S	PND	SIN	T5	IFA	SCO	GE	H	4.2	450 300	2.3	200	10	62		600K	6.5	2.0	7CM
6CB6	S	PND	SIN	T5	IFA	SCO	RC	H	6.3	300 300	2.3	200	10	62		600K	6.5	2.0	7CM
6CF6	S	PND	SIN	T5	IFA	SCO	RC	H	6.3	300 300	2.0	200	10	62		600K	6.5	2.0	7CM
7056		PND	SIN	T5	IFA	SCO	RC	H	13.5	150 330	2.0	200	10	62		600K	6.5	2.0	7CM
7199		PND	SIN	T6	VA	SCO	RC	H	6.3	450 330	3.0	220	12	70		400K	5.0	2.0	9JT
3CE5	S	PND	SIN	T5	RFA	SCO	HY	H	3.2	600 300	2.0	125	11	76		300K	6.5	1.9	7BD
4CE5	S	PND	SIN	T5	RFA	SCO	GE	H	4.2	450 300	2.0	125	11	76		300K	6.5	1.9	7BD
6CE5	S	PND	SIN	T5	RFA	SCO	HY	H	6.3	300 300	2.2	125	11	76		300K	6.5	1.9	7BD
4DE6	S	PND	SIN	T5	IFA	SRC	SY	H	4.2	450 330	2.3	125	16	80		250K	6.5	2.0	7CM
6DE6	S	PND	SIN	T5	IFA	SRC	PL	H	6.3	300 330	2.3	125	16	80		250K	6.5	2.0	7CM
3BZ6	S	PND	SIN	T5	IFA	RCO	SY	H	3.2	600 330	2.3	125	14	80		260K	7.0	2.0	7CM
4BZ6	S	PND	SIN	T5	IFA	RCO	GE	H	4.2	450 330	2.3	125	14	80		260K	7.0	2.0	7CM
6BZ6	S	PND	SIN	T5	IFA	RCO	SY	H	6.3	300 330	2.3	125	14	80		260K	7.0	2.0	7CM
12BZ6	S	PND	SIN	T5	IFA	RCO	SY	H	12.6	150 330	2.3	125	14	80		260K	7.0	2.0	7CM
6AN5WA	*	PND	SIN	T5	PA	SRC	RA	H	6.3	450 330	4.6	120	33	85			9.0	5.5	7BD
5639	*	PND	SIN	T3	VHF	SRC	SY	H	6.3	450 165	4.0	150	21	90		50K	9.0	4.6	8DL
6AH6WA	S#	PND	SIN	T5	IFA	SRC	RA	H	6.3	450 330	3.3	300	10	90		500K	10.0	4.5	7BK
6485	S	PND	SIN	T5	IFA	SCO	RA	H	6.3	450 300	25	300	10	90		500K	10.0	2.0	7BK
6AC7	S	PND	SIN	MT8	RFA	SCO	RC	H	6.3	450 300	3.0	300	10	90		1M	11.0	5.0	8N
6134	S#	PND	SIN	MT8	RFA	SRC	GE	H	6.3	450 300	3.0	300	10	90		1M	11.0	5.0	8N
6145		PND	SIN	T9	VA	SCO	SY	H	6.3	600 300	10.0	150	34	97		100K	14.0	7.5	8V
3DK6	S	PND	SIN	T5	IFA	SCO	WH	H	3.2	600 330	2.3	125	12	98		350K	6.3	1.9	7CM
4DK6	S	PND	SIN	T5	IFA	SCO	WH	H	4.2	450 330	2.3	125	12	98		350K	6.3	1.9	7CM
6DK6	S	PND	SIN	T5	IFA	SCO	WH	H	6.3	300 330	2.3	125	12	98		350K	6.3	1.9	7CM
12DQ7		PND	SIN	T6	VHF	SRC	GE	H	12.6	300 330	6.5	200	26	105		53K	10.0	3.8	9BF
6197	S	PND	SIN	T6	ONA	SRC	RC	H	6.3	650 300	7.5	250	30	110		90K	11.5	5.0	9BV
12BY7A	S	PND	SIN	T6	VHF	SRC	GE	H	12.6	300 300	6.5	250	26	110		93K	10.2	3.5	9BF
6AG7		PND	SIN	MT8	PA	SRC	RC	H	6.3	650 300	9.0	300	30	110		130K	13.0	7.5	8Y
6CL6	S	PND	SIN	T6	PA	SRC	RC	H	6.3	650 300	7.5	250	31	110		150K	11.0	5.5	9BV
6677	S	PND	SIN	T6	PA	SRC	GE	H	6.3	650 330	8.5	250	31	110		150K	11.0	5.5	9BV

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	E _f									IN	OUT	
PENTODE SINGLE								V	ma	ma	W	V	ma	μmho		ohms	μμf	μμf	
6GK6		PND	SIN	T6	PA	RCO	HY	H	760	65	13.2	250	48	113		38K	10.0	7.0	9GK
7189		PND	SIN	T6	PA	RCO	AM	H	760	65	12.0	250	48	113		40K	10.8	6.5	9CV
7054	S	PND	SIN	T6	PA	SRC	RC	H	275		5.0	250	19	115		100K	10.2	3.5	9GK
128V7		PND	SIN	T6	VHF	SRC	PL	H	300		6.2	250	27	130		85K	11.0	3.0	98F
5847	S	PND	SIN	T6	RFA	SCO	WE	H	300	40	3.3	160	14	130		200K	7.2	3.15	9X
4EW6		PND	SIN	T5	IFA	SCO	GE	H	600		3.1	125	11	140		200K	10.0	2.4	7CM
6EH6	S	PND	SIN	T5	IFA	SCO	GE	H	400		3.1	125	11	140		200K	10.0	2.4	7CM
6EH5	S	PND	SIN	T5	PA	SCO	RC	H	1200		5.0	110	42	146		11K	17.0	9.0	7CV
12EH5	S	PND	SIN	T5	PA	SCO	RC	H	600		5.0	110	42	146		11K	17.0	9.0	7CV
25EH5	S	PND	SIN	T5	PA	SCO	RC	H	300		5.0	110	42	146		11K	17.0	9.0	7CV
5UEH5	S	PND	SIN	T5	PA	SCO	RC	H	150		5.0	110	42	146		11K	17.0	9.0	7CV
PENTODE TWIN																			
3BU8	S	PND	TWN	T6	VHF	SCO	GE	H	600	12	1.1	100	2	15			6.0	3.0	9FG
4BU8	S	PND	TWN	T6	VHF	SCO	GE	H	450	12	1.1	100	2	15			6.0	3.0	9FG
6BU8	S	PND	TWN	T6	VHF	SCO	GE	H	300	12	1.1	100	2	15			6.0	3.0	9FG
5970		PND	TWN	T3	VHF	SRC	RA	F	160	5		45	3	18		170K	3.3	2.4	8DS
6DZ7		PND	TWN	T12	PA	SRC	GE	H	1520		13.2	250	48	113		38K	11.0	5.0	8JP
PENTODE WITH DIODE																			
1AK5		PND	DIO	T3F	VA	SCO	RA	F	20	1		45	500U	3		400K	2.0	2.7	FL
1AJ5		PND	DIO	T3F	VA	SCO	RA	F	40	2		45	1	4		300K	1.7	2.4	FL
1DN5		PND	DIO	T5	AFA	SRC	TS	F	50	3		68	2	6		600K			6BW
1S5	S	PND	DIO	T5	VA	SCO	RC	F	50	3		68	2	6		600K	2.2	2.4	6AU
1U5	S	PND	DIO	T5	AFA	SCO	NU	F	50	3		68	2	6		600K			6BW
12DE8		PND	DIO	T6	RFA	SCO	TS	H	200	20		13	1	15		300K	5.5	5.7	9HG
6SF7	S	PND	DIO	MT8	AFA	RCO	RC	H	300		3.5	250	12	20		700K	5.5	6.0	7AZ
12SF7	S	PND	DIO	MT8	AFA	RCO	RC	H	150		3.5	250	12	20		700K	5.5	6.0	7AZ
6CR6	S	PND	DIO	T5	AFA	RCO	TS	H	300		2.5	250	10	22		800K			7EA
12CR6	S	PND	DIO	T5	AFA	RCO	TS	H	150		2.5	250	10	22		800K			7EA

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		E _f	I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K											IN	OUT	
PENTODE WITH DIODE																					
6BY8		PND	DIO	T6	VA	SCO	PL	H	6.3	600	300	3.0	250	11	52			1M	5.5	5.0	9FN
117L7GT	S	PND	DIO	T9	PA	RCO	TS	H	117.0	90	117	6.0	105	43	53			17K			8AO
5AS8	S	PND	DIO	T6	VHF	SRC	RC	H	4.7	600	300	2.5	200	10	62			300K	7.0	2.4	9DS
6AS8	S	PND	DIO	T6	VHF	SRC	RC	H	6.3	450	300	2.5	200	10	62			300K	7.0	2.4	9DS
5AM8	S	PND	DIO	T6	IFA	SRC	SY	H	4.7	600	300	2.8	200	12	70			600K	6.0	2.6	9CY
6AM8	S	PND	DIO	T6	IFA	SRC	SY	H	6.3	450	300	2.8	200	12	70			600K	6.0	2.6	9CY
70L7GT		PND	DIO	T9	PA	RCO	RC	H	70.0	150	117	5.0	110	43	75			15K			8AA
PENTODE WITH TWIN DIODE																					
12F8		PND	DWD	T6	AFA	SCO	TS	H	12.6	150	30		13	1	10			330K	4.5	3.0	9FH
12C8		PND	DWD	MT8	AFA	SRC	RC	H	12.6	150	300	2.2	250	10	13			600K	6.0	9.0	8E
14R7		PND	DWD	T9	VA	RCO	SY	H	12.6	150	250	2.0	250	6	32			1M	5.6	5.3	8AE
5BW8		PND	DWD	T6	IFA	SRC	GE	H	4.7	600	330	3.0	250	10	52			250K	4.8	2.6	9HK
6BW8		PND	DWD	T6	IFA	SRC	GE	H	6.3	450	330	3.0	250	10	52			250K	4.8	2.6	9HK
5BT8	S	PND	DWD	T6	IFA	SRC	WH	H	4.7	600	300	2.0	200	10	62			300K	7.0	2.3	9FE
6BT8	S	PND	DWD	T6	IFA	SRC	WH	H	6.3	450	300	2.0	200	10	62			300K	7.0	2.3	9FE
PENTODE WITH TRIODE																					
1V6		PND	TRI	T3F	CON	SCO	RA	F	1.2	40	90			45	400U			1M	3.2	2.4	FL
12EC8		PND	TRI	T6	MIX	SCO	SY	H	12.6	225	16			13	660U	20		750K	4.6	2.6	9FA
5AT8	S	PND	TRI	T6	MIX	SRC	RC	H	4.7	600	250	2.0	250	8	46			750K	4.5	0.9	9DW
5CG8	S	PND	TRI	T6	MIX	SRC	RC	H	4.7	600	250	2.0	250	8	46			750K	4.8	0.9	9GF
5X8	S	PND	TRI	T6	MIX	SRC	SY	H	4.7	600	250	2.0	250	8	46			750K	4.3	0.7	9AK
6AT8	S	PND	TRI	T6	MIX	SRC	RC	H	6.3	450	250	2.0	250	8	46			750K	4.5	0.9	9DW
6CG8	S	PND	TRI	T6	MIX	SRC	RC	H	6.3	450	250	2.0	250	8	46			750K	4.8	0.9	9GF
6X8A	S	PND	TRI	T6	MIX	SRC	GE	H	6.3	450	250	2.0	250	8	46			750K	4.3	0.7	9AK
9X8	S	PND	TRI	T6	MIX	SRC	SY	H	9.5	300	250	2.0	250	8	46			750K	4.3	0.7	9AK
19X8	S	PND	TRI	T6	MIX	SRC	RC	H	18.9	150	250	2.0	250	8	46			750K	4.3	0.7	9AK

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	gm/100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
									V	ma	V	W	V	ma	μmho		ohms	μμf	μμf	
PENTODE WITH TRIODE																				
6AX8	S	PND	TRI T6	T6	VHF	SRC	PL	H	6.3	450	300	2.8	250	10	48		400K	5.0	3.5	9AE
5BE8	S	PND	TRI T6	T6	MIX	SRC	SY	H	4.7	600	300	2.8	250	10	52		400K	4.4	2.6	9EG
5BR8	S	PND	TRI T6	T6	MIX	SRC	TS	H	4.7	600	300	2.8	250	10	52		400K	5.0	2.6	9FA
5U8	S	PND	TRI T6	T6	MIX	SRC	GE	H	4.7	600	300	2.8	250	10	52		400K	5.0	2.6	9AE
6BE8	S	PND	TRI T6	T6	MIX	SRC	SY	H	6.3	450	300	2.8	250	10	52		400K	4.4	2.6	9EG
6BR8A	S	PND	TRI T6	T6	MIX	SRC	SY	H	6.3	450	300	2.8	250	10	52		400K	5.0	2.6	9FA
6UBA	S	PND	TRI T6	T6	MIX	SRC	GE	H	6.3	450	300	2.8	250	10	52		400K	5.0	2.6	9AE
9UBA	S	PND	TRI T6	T6	MIX	SRC	GE	H	9.4	300	300	2.8	250	10	52		400K	5.0	2.6	9AE
6678	S	PND	TRI T6	T6	MIX	SRC	GE	H	6.3	450	330	3.0	250	10	52		400K	5.0	2.6	9AE
7059	S	PND	TRI T6	T6	MIX	SRC	RC	H	13.5	195	300	2.8	250	10	52		400K	5.0	2.5	9AE
5EH8	S	PND	TRI T6	T6	MIX	SRC	SY	H	4.7	600	300	2.8	125	12	60		170K	4.8	2.4	9JG
6EH8	S	PND	TRI T6	T6	MIX	SRC	SY	H	6.3	450	300	2.8	125	12	60		170K	4.8	2.4	9JG
6AZ8	S	PND	TRI T6	T6	IFA	SRC	RC	H	6.3	450	300	2.0	200	10	60		300K	6.5	2.2	9ED
5AN8	S	PND	TRI T6	T6	GEN	SRC	SY	H	4.7	600	300	2.0	200	10	62		300K	7.0	2.3	9DA
5AV8	S	PND	TRI T6	T6	GEN	SRC	SY	H	4.7	600	300	2.0	200	10	62		300K	7.0	2.3	9DZ
5B8	S	PND	TRI T6	T6	GEN	SRC	SY	H	4.7	600	300	2.0	200	10	62		300K	6.0	2.6	9EC
6AN8	S	PND	TRI T6	T6	GEN	SRC	RC	H	6.3	450	300	2.0	200	10	62		300K	7.0	2.3	9DA
6CH8	S	PND	TRI T6	T6	GEN	SRC	RC	H	6.3	450	300	2.0	200	10	62		300K	7.0	2.2	9FT
6CU8	S	PND	TRI T6	T6	GEN	SRC	RC	H	6.3	450	300	2.0	200	10	62		300K	7.0	2.4	9GM
5CM8	S	PND	TRI T6	T6	GEN	SRC	SY	H	4.7	600	300	2.0	200	10	62		600K	6.0	2.6	9FZ
6CM8	S	PND	TRI T6	T6	GEN	SRC	SY	H	6.3	450	300	2.0	200	10	62		600K	6.0	2.6	9FZ
5EA8	S	PND	TRI T6	T6	MIX	SRC	GE	H	4.7	600	330	3.1	125	12	64		80K	5.0	2.6	9AE
6EA8	S	PND	TRI T6	T6	MIX	SRC	GE	H	6.3	450	330	3.1	125	12	64		80K	5.0	2.6	9AE
19EA8	S	PND	TRI T6	T6	MIX	SRC	GE	H	18.9	150	330	3.1	125	12	64		80K	5.0	2.6	9AE
5FV8	S	PND	TRI T6	T6	IFA	SRC	SY	H	4.7	600	330	2.3	125	12	65		200K	5.0	2.0	9FA
6FV8	S	PND	TRI T6	T6	IFA	SRC	SY	H	6.3	450	330	2.3	125	12	65		200K	5.0	2.0	9FA
6AUBA	S	PND	TRI T6	T6	GEN	SRC	GE	H	6.3	600	300	3.0	200	15	70		150K	7.5	3.4	9DX
6BH8	S	PND	TRI T6	T6	GEN	SRC	GE	H	6.3	600	300	3.0	200	15	70		150K	7.0	2.4	9DX
8AUB	S	PND	TRI T6	T6	GEN	SRC	SY	H	8.4	450	300	3.0	200	15	70		150K	7.5	3.4	9DX
8BH8	S	PND	TRI T6	T6	GEN	SRC	GE	H	8.4	450	300	3.0	200	15	70		150K	7.0	2.4	9DX

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b on E _{px}	MAX I _b	P _p	E _b	I _b	gm 100	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
PENTODE WITH TRIODE									ma	v	ma	w	v	ma	μmhos		ohms	μμf	μμf	
12CT8		PND	TRI T6		VHF	SRC	GE	H	300	300		2.8	200	15	70		150K	7.5	2.4	9DA
7060		PND	TRI T6		RFA	SRC	RC	H	280	300		3.0	200	15	70		150K	7.1	2.5	9DA
15A6		PND	TRI T9		VDA	RCO	SY	H	600	300	140	7.5	110	45	75		13K	11.0	5.0	8GS
6DZ8	S	PND	TRI T6		PA		SO	H	900	150	60	6.5	145	45	75					9EX
9DZ8	S	PND	TRI T6		PA		SO	H	600	150	60	6.5	145	45	75					9EX
12D08	S	PND	TRI T6		PA		SO	H	450	150	80	6.5	145	45	75					9EX
18DZ8	S	PND	TRI T6		PA		SO	H	300	150	60	6.5	145	45	75					9EX
35DZ8	S	PND	TRI T6		PA		SO	H	150	150	60	6.5	145	45	75					9EX
5GH8	S	PND	TRI T6		OSC	SRC	GE	H	600	350	20	2.5	125	12	75		200K	5.5	2.6	9AE
6GH8	S	PND	TRI T6		OSC	SRC	GE	H	450	350	20	2.5	125	12	75		200K	5.5	2.6	9AE
5CR8	S	PND	TRI T6		GEN	SRC	SY	H	600	330		2.3	125	13	77		300K	6.0	2.8	9GJ
6CR8	S	PND	TRI T6		IFA	SCO	SY	H	450	330		2.3	125	13	77		300K	6.0	2.8	9GJ
6CS8		PND	TRI T6		IFA	SCO	SY	H	450	330		2.3	125	13	77		300K	6.0	2.8	9FZ
7258		PND	TRI T6		RFA	SCO	SY	H	210	330		2.3	125	12	78		170K	7.0	2.4	9DA
10C8		PND	TRI T6		GEN	SCO	GE	H	300	300	55	2.2	135	12	80		190K	7.0	2.2	9DA
5DH8		PND	TRI T6		IFA	SCO	GE	H	600	300		2.2	125	14	86		150K	6.5	2.2	9EG
6AW8A		PND	TRI T6		VHF	SRC	SY	H	600	300		3.2	200	13	90		400K	10.0	3.6	9DX
6BA8A	S	PND	TRI T6		VHF	SRC	SY	H	600	300		3.2	200	13	90		400K	10.0	3.6	9DX
8AW8A		PND	TRI T6		VHF	SRC	SY	H	450	300		3.2	200	13	90		400K	10.0	3.6	9DX
8BA8A	S	PND	TRI T6		VHF	SRC	RA	H	450	300		3.2	200	13	90		400K	10.0	3.6	9DX
6CX8	S	PND	TRI T6		VHF	SRC	GE	H	750	330		5.0	200	24	100		70K	9.0	4.4	9DX
8CX8	S	PND	TRI T6		VHF	SRC	GE	H	600	330		5.0	200	24	100		70K	9.0	4.4	9DX
6GN8		PND	TRI T6		VHF	SRC	SY	H	750	330		5.0	200	25	115		60K	11.0	4.2	9DX
8GN8		PND	TRI T6		VHF	SRC	SY	H	600	330		5.0	200	25	115		60K	11.0	4.2	9DX
6EB8		PND	TRI T6		VHF	SRC	SY	H	750	330		5.0	200	25	125		75K	11.0	4.2	9DX
8EB8		PND	TRI T6		VHF	SRC	SY	H	600	330		5.0	200	25	125		75K	11.0	4.2	9DX
10EB8	S	PND	TRI T6		VHF	SRC	SY	H	450	330		5.0	200	25	125		75K	11.0	4.2	9DX

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b on E_{px}	MAX I_b	P_b	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY		EIA BASE NO.
																			IN	OUT	
PENTAGRID SINGLE									V	ma	V	ma	W	V	ma	μmho		ohms	μmf	μmf	
12AG6	S	PTG	SIN	T5	CON		GE	H	12.6	150	16	18	0.9	13	350U				5.5	7.5	7CH
7C36	S	PTG	SIN	T5	GA	SRC	GE	H	6.3	300	250	18	0.9	150	6			20K	5.4	7.6	7CH
12I7	S	PTG	SIN	T5	ONA		SY	H	6.3	300	250	20	1.0	150	6			150K	5.4	7.6	7CH
12EG6	S	PTG	SIN	T5	RFA	SCO	TS	H	12.6	150	30	20	1.0	13	400U			360K	5.7	12.0	7CH
2A7	S	PTG	SIN	S12	CON		RC	H	2.5	800	300	14	1.0	250	4				7.0	9.0	7C
6A7	S	PTG	SIN	S12	CON		RC	H	6.3	300	300	14	1.0	250	4			360K	7.0	9.0	7C
6ABGT	S	PTG	SIN	T9	CON		HY	H	6.3	300	300	14	1.0	250	4			360K	6.0	12.0	8A
7B8	S	PTG	SIN	T9	CON		RA	H	6.3	300	300	14	1.0	250	4			360K	5.0	9.0	8X
1E8	S	PTG	SIN	T3	CON		SY	F	1.2	40	68	4	1.0	68	1			400K	6.0	5.0	8CN
18FX6	S	PTG	SIN	T5	CON	SRC	SY	H	18.0	100	150	14	1.0	100	2			400K	5.5	8.0	7CH
1R5		PTG	SIN	T5	CON		RC	F	1.4	50	90	6		68	1			500K	3.8	7.5	7AT
1U6		PTG	SIN	T5	CON		SY	F	1.4	25	110	4		90	600U			500K	2.0	6.5	7CD
1A7GT		PTG	SIN	T9	CON		HY	F	1.4	50	110	4		90	600U			600K			7Z
1L6		PTG	SIN	T5	CON		SY	F	1.4	50	110	4		90	500U			650K			7DC
1LC6	S	PTG	SIN	T9	CON		SY	F	1.4	50	110	3		90	750U			650K	5.5	5.5	7AK
12FA6		PTG	SIN	T5	CON		TS	H	12.6	150	30	20		13	450U			800K	7.2	12.0	7CH
3BE6	S	PTG	SIN	T5	CON		GE	H	3.2	600	300	14	1.0	250	3			1M	5.5	8.0	7CH
4BE6	S	PTG	SIN	T5	CON		GE	H	4.2	450	300	14	1.0	250	3			1M	5.5	8.0	7CH
6BA7	S	PTG	SIN	T6	CON		RC	H	6.3	300	300	22	2.0	250	4			1M	6.7	8.3	8CT
6BE6	S	PTG	SIN	T5	CON		RC	H	6.3	300	300	14	1.0	250	3			1M	5.5	8.0	7CH
6SA7GT	S	PTG	SIN	T9	CON		TS	H	6.3	300	300	14	1.0	250	4			1M	8.0	11.0	8AD
12AD6	S	PTG	SIN	T5	CON		TS	H	12.6	150	30	20		13	450U			1M	5.5	8.0	7CH
12BA7	S	PTG	SIN	T6	CON		RC	H	12.6	150	300	22	2.0	250	4			1M	6.7	8.3	8CT
12BE6	S	PTG	SIN	T5	CON		RC	H	12.6	150	300	14	1.0	250	3			1M	5.5	8.0	7CH
12SA7GT	S	PTG	SIN	T9	CON		TS	H	12.6	150	300	14	1.0	250	4			1M	8.0	11.0	8AD
14Q7		PTG	SIN	T9	CON		SY	H	12.6	150	300	14	1.0	250	4			1M	7.0	9.0	8AL
26D6		PTG	SIN	T5	CON		RC	H	26.5	70	300	14	1.0	250	3			1M	5.8	14.0	7CH
5750	S*	PTG	SIN	T5	CON		GE	H	6.3	300	300	14	1.0	250	3			1M	5.5	7.6	7CH
3CS6	S	PTG	SIN	T5	GA	SCO	GE	H	3.2	600	300	14	1.0	100	1	11		1M	5.5	7.5	7CH
4CS6	S	PTG	SIN	T5	GA	SCO	SY	H	4.2	450	300	14	1.0	100	1	11		1M		7.5	7CH

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH. REG. K	E_f	I_f	MAX E_b E_{PR}	MAX I_b	P_D	E_b	I_b	g_m 100	μ	r_p	CAPACITY IN OUT	EIA BASE NO.
PENTAGRID SINGLE								V	ma	V	ma	W	V	ma	ma		ohms	$\mu\mu f$ $\mu\mu f$	
6CS6	S	PTG	SIN	T5	GA	SCO	SY H	6.3	300	300	14	1.0	100	1	11	1M	5.5	7.5	7CH
12CS6	S	PTG	SIN	T5	GA	SCO	HY H	12.6	150	300	14	1.0	100	1	11	1M	5.5	7.5	7CH
3BY6	S	PTG	SIN	T5	GA	SRC	GE H	3.2	600	300		2.0	250	6	19		5.4	7.6	7CH
6BY6	S	PTG	SIN	T5	GA	SRC	RC H	6.3	300	300		2.0	250	6	19		5.4	7.6	7CH
5915A	S	PTG	SIN	T5	ONA	SRC	GE H	6.3	300	250	70	1.0	150	6	24		5.4	7.6	7CH
PENTAGRID WITH TRIODE																			
2G21	S	PTG	TRI	T3F	MIX			1.2	50	45	2		22	200U				3.6	FL
2G22	S	PTG	TRI	T3F	MIX		RA F	1.2	50	45	2		22	200U				3.6	FL
12FX8		PTG	TRI	T6	CON	SCO	TS H	12.6	300	16			13	290U			500K	5.0	9KV
HEXODE SINGLE																			
5857		HEX	SIN	T6	VHF	SCO	NU H	6.3	450	350		1.5	300	8	200		70K	9.3 2.2	
HEXODE WITH TRIODE																			
12K8GT		HEX	TRI	T9	MIX	RCO	HY H	12.6	150	300		0.8	250	2			600K	4.6 4.8	8K
OCTODE SINGLE																			
7A8		OCT	SIN	T9	CON		PL H	6.3	150	300	13	1.0	250	3			700K	3.8 9.0	8U

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	CATH.		I _f	MAX E _b E _{px}	MAX I _b	P _p	E _b	I _b	$\frac{gm}{100}$	μ	r _p	CAPACITY		EIA BASE NO.
							REG.	K										IN	OUT	
THYRATRON TRIODE TYPE									V	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$	$\mu\mu f$	
CK1054		TRI	SIN	T4	THY	GAS	RA	F	1.4	45	7000		45	4500				1.2	1.3	FL
7400		TRI	SIN	T4	THY	GAS	TS	C		180	12		150	7						FL
7401		TRI	SIN	T3	THY	GAS	TS	C		180	8		150	7						FL
5823		TRI	SIN	T5	TRG	GAS	RC	C		200	100		117	25						4CK
0A4G	S	TRI	SIN	S12	TRG	GAS	SY	C		225	100		225	25						4V
6D4	#	TRI	SIN	T5	THY	GAS	SY	H	6.3	350	110		300	25						5AY
884		TRI	SIN	S12	THY	GAS	RC	H	6.3	600	300		300	75						6Q
CH1046	#	TRI	SIN	T5	THY	GAS	CH	H	28.0	380	1K		1K	50						7FJ
1258	#	TRI	SIN	T6	THY	GAS	CH	H	6.3	1800	1K		600	50						7FJ
VC2044		TRI	SIN	T6	THY	GAS	CH	H	6.3	850	1K		600	50						
5960		TRI	SIN	MT8	TRG	GAS	BE	C		1K	100A		100	90						3Z
394A		TRI	SIN	S14	THY	GAS	CH	F	2.5	3200	1K		1K	640						4AW
7190	S*	TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K		1K	1A						7FJ
7191	S*	TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K		1K	1A						7FK
7192	S*	TRI	SIN	T6	THY	GAS	TS	H	6.3	1800	1K		1K	1A						7FJ
323B		TRI	SIN	S16	THY	GAS	WE	F	2.5	7000	1K		1K	1500						5AU
393A		TRI	SIN	S16	THY	GAS	WE	F	2.5	7000	1K		1K	1500						5AV
3C23		TRI	SIN	S16	THY	GAS	GE	F	2.5	7A	1K		600	2A						3G
5594		TRI	SIN	T16	THY	GAS	CH	F	2.5	5000	5K		2K	500			1.6	1.5		3G
5643	S*	TET	SIN	T3	THY	GAS	SY	H	6.3	150	100		150	16						6DD
THYRATRON TETRODE TYPE																				
5663		TET	SIN	T5	THY	GAS	GE	H	6.3	150	500		11	20						6CE
6525		TET	SIN	T5	THY	GAS	GE	H	6.3	150	500		500	20						78N
5696	S	TET	SIN	T5	THY	GAS	RC	H	6.3	150	500		117	25				1.3	0.54	78N
2D21	S	TET	SIN	T5	THY	GAS	RC	H	6.3	600	1K		400	100				1.8	0.54	78N
502A		TET	SIN	MT8	THY	GAS	GE	H	6.3	600	1K		650	100				2.4	1.6	78N
2050W	S*	TET	SIN	T9	THY	GAS	CH	H	6.3	600	1K		600	100				2.5		68S
5727	S*	TET	SIN	T5	THY	GAS	GE	H	6.3	600	1K		460	100						68S
6012		TET	SIN	T12	THY	GAS	RC	H	6.3	2600	1K		650	500				2.4		78N
																				6CO

CHARACTERISTIC LISTING

DATA ON RECEIVING TUBES (Continued)

TYPE NUMBER	CODE	KIND	TYPE	BULB	USE	CHAR.	REG.	CATH.	E_f	I_f	MAX E_b E_{px}	MAX I_b	P_p	E_b	I_b	$\frac{gm}{100}$	μ	r_p	CAPACITY IN OUT	EIA BASE NO.
INDICATOR ELECTRON RAY									V	ma	V	ma	W	V	ma	μmho		ohms	$\mu\mu f$ $\mu\mu f$	FL 6R 6R 7AG 6R 8CH
6977		TRI	SIN	T1	IND	VAC	AM	F	1.0	30	65	750U		50	585U					
2G5		TRI	SIN	S12	IND		HY	H	2.5	800	250			250	240U					
6E5	S	TRI	DIS	T9	IND		RC	H	6.3	300	250			250	240U					
6AF6G		TRI	DIS	T9	IND		RC	H	6.3	150	250			250	2					
6355	#	TRI	TWN	T5	IND		NU	H	6.3	140	275			250						
6U5	S	TRI	DIS	T9	IND		RA	H	6.3	300	285		1.0	250	240U					
6AL7GT		HEX	SIN	T9	IND		GE	H	6.3	150	365			315						

CHARACTERISTIC LISTING

6. List of Similar Types of Receiving Tubes

6. List of Similar Types of Receiving Tubes*

Tube	Similar types	Tube	Similar types	Tube	Similar types
0A2WA	6073, 6626, 6830	4BZ6	3BZ6, 4DE6, 6BZ6	6AS6	5725, 5784WA, 6486
0A3	VR75	4BZ7	4BC8, 4BQ7, 4B88, 5BZ7, 6BZ7	6AS7GA	0080WA, 6082, 6385, 6394, 6520, 7105
0A4G	1267	4BZ8	6BZ8	6AS8	5A88
0B2WA	6074, 6627	4CB6	3CB8, 6CB6	6AT6	6AQ6, 6AV6, 6BK6, 6BT6, 6BU6, 6CN7
0C3	VR106	4CE5	3CE5, 4DE6, 6CE5	6AT8	5AT8, 6CG8, 6X8A
0D3	VR130	4C86	3C86, 6C86, 12C86	6AU4GTA	6DA4, 19AU4GTA
0Z4G	CK1003	4CX7	6CX7	6AU6	3AU6, 4AU6, 12AU6
1AD5	1W5, 1V5, 1AC5	4CY5	2CY5, 3CY5, 6CY5	6AU8	6BH8, 6AU8
1B3GT	1G3GT	4DE6	4CE5, 4BZ6, 6DE6	6AV5	6CU6, 12AV5, 25AV5, 17AV5
1E8	1C8	4DK6	3DK6, 6DK6	6AV6	3AV6, 6AT6, 6BK6, 12AV6
1G3GT	1B3GT	4DT6	3DT6, 6DT6	6AX4GT	6U4, 12AX4GT, 17AX4GT, 25AX4GT
1J3	1K3	5AM8	6AM8	6AX5GT	5Z4, 6087
1K3	1J3	5AN8	5AV8, 5B8, 6AN8	6AX7	12AX7
1L4	1T4, 1U4, 5910	5AQ5	6AQ5, 12AQ5	6B3	12B3
1LC6	1LA6	5AS4A	5U4GA, 5931	6BA6	3BA6, 4BA6, 12BA6, 5749, 6600
1N5GT	1P5GT	5A88	6A88	6BA7	12BA7, 6B7
1P5GT	1N5GT	5A78	5CQ8, 5X8, 6A78	6BA8A	8BA8A
1S5	1LD5, 1U5	5AV8	5AN8, 5B8	6BC5	6AG5, 6186, 3BC5, 4BC5
1T4	1L4, 1U4, 5910	5AW4	5U4GA, 5931	6BC8	4BC8, 6BZ7, 6BQ7
1U4	1L4, 1T4, 5910	5B8	5AN8, 5AV8	6BD6	6BK7WA, 7A7, 6137
1U5	1S5	5BE8	5BR8, 5U8, 6BE8	6BE6	3BE6, 4BE6, 12BE6, 5750
2A3	6A3, 45, 5930	5BK7A	6BK7A	6BE8	5BE8, 6BR8, 6U8, 6678
2A7	6A7	5BQ7	4BQ7, 5B88, 5BZ7, 6BQ7	6BF6	6BU6, 6SR7, 12BF6
2AF4A	2T4, 3AF4A, 6AF4A	5BR8	5BE8, 5U8, 6BR8	6BF7W	2C51, 6BG7, 6021, 6385, 6854
2BN4	3BN4, 6BN4	5B88	4B88, 5BQ7, 5BZ7, 6B88	6BG6GA	19BG6G
2C51	5670WA, 6021, 6385, 6854	5BT8	6BT8	6BH6	6065, 6265, 6661
2CY5	2EA5, 3CY5, 4CY5, 6CY5	5BZ7	4BZ7, 5BQ7, 5B88, 6BZ7	6BH8	8BH8, 6AU8
2D21	5727	5CG8	5AT8, 5X8, 6CG8	6BJ6	6662
2E26	6893	5CL8	5CQ8, 6CL8, 9CL8	6BK5	12BK5, 25BK5, 50BK5
2EA5	2CY5, 3EA5, 6EA5	5CM6	5V6, 6CM6, 12CM6	6BK6	6AT6, 6AV6, 12BK6, 26BK6
2G21	2G22	5CM8	6CM8	6BK7A	5BK7A, 12AV7
2G22	2C21	5CQ8	5CL8, 6CQ8	6BL7GT	6BX7
2T4	2AF4A, 6T4	5CR8	6CR8	6BN4	2BN4, 3BN4
3AF4A	2AF4A, 6AF4A	5CZ5	6CZ5	6BN6	3BN6, 4BN6, 12BN6
3AL5	6AL5, 12AL5	5EH8	6EH8	6BN8	8BN8
3AU6	4AU6, 6AU6, 12AU6	5J6	6J6, 19J6	6BQ5	8BQ5
3AV6	6AV6, 12AV6	5K4GYA	5AX4	6BQ6	6DW5, 12BQ6, 17BQ6, 25BQ6
3B7	1291	5T8	6T8, 19T8	6BQ7A	4BQ7, 5BQ7, 6BC8, 6B88, 6BZ7
3B8	906A	5U4GA	5AS4A, 5AX4, 5W4, 5931	6BR8	5BR8, 6BE8, 6U8, 6676
3BA6	4BA6, 6BA6, 12BA6	5U8	5BE8, 5BR8, 5U8, 9U8	6B88	4B88, 6BQ7, 6B88, 6BZ7
3BC5	4BC5, 6BC5	5V4	5Y3WGTA, 6087	6BT8	5BT8
3BE6	4BE6, 6BE6, 12BE6	5V6GT	5CM6, 6V6, 12V6	6BU8	3BU8, 4BU8
3BN4	2BN4, 6BN4	5X8	5AT8, 5CQ8, 6X8, 9X8, 19X8	6BW4	7Z4, 12BW4, 6203, 6754
3BN6	4BN6, 6BN6, 12BN6	5Y3WGTA	5Z4, 5990, 6087	6BX7	6BL7
3BU8	4BU8, 6BU8	5Z3	5U4, 5X3, 83	6BX8	4BX8
3BY6	6BY6, 6C86	5Z4	5Y3, 6AX5, 5990, 6087	6BY6	6C86, 5915A, 7036
3BZ6	4BZ6, 6BZ6	6A3	2A3, 6A3U	6BY7	6BX6
3CB6	3CF6, 6CB6, 4CB6	6A7	2A7, 6A8GT	6BZ6	3BZ6, 4BZ6, 6DE6
3CE5	4CE5, 6CE5	6A8	6A7	6BZ7	4BZ7, 5BZ7, 6BC8, 6B88, 6BQ7, 6CH7
3CF6	3CB6, 6CF6	6AB7	6AC7, 1853, 6134	6BZ8	4BZ8
3C86	4C86, 6C86, 12C86, 3BY6	6AC7	6AB7, 1853, 6134	6C4WA	6100, 6135
3CY5	2CY5, 3EA5, 4CY5, 6CY5	6AF3	12AF3	6C6	6J7, 1620
3D6	1299	6AF4A	2AF4A, 3AF4A, 6T4	6CA5	12CA5, 17CA5, 25CA5
3DK6	4DK6, 6DK6	6AG5	6BC5, 6186	6CB5	6CL5
3DT6	4DT6, 6DT6	6AG7	6AK7, 6BA6, 6BC5, 6BD6, 6CB6, 6CF6, 6186	6CB6	3CB6, 4CB6, 6AG5, 6BC5, 6CF6, 6DK6
3EA5	2EA5, 3CY5, 6EA5	6AH6	6A85	6CD6	26CD6, 35CD6
3Q4	3S4, 3V4	6AJ4	7137	6CE5	3CE5, 4CE5, 6DE6
3S4	3S4, 3V4	6AJ5	6T6	6CF6	6AG5, 6AK5, 6BC5, 6CB6, 5901, 5954
3V4	3S4, 3Q4	6AK4	8K4	6CG7	6SN7, 6CG7, 5902
4AU6	3AU6, 6AU6, 12AU6	6AK5	5591, 5654, 5702, 5582, 6068	6CG8	5CG8, 6AT8, 6X8A
4B82	672A	5AL5	3AL5, 12AL5, 5726, 6063	6CH7	6BZ7
4BA6	3BA6, 6BA6, 12BA6	5AM8	6AM8	6CL5	6CB5
4BC6	3BC6, 6BC6	5AN4	6AN4	6CL6	12BY7, 6197, 6677
4BC8	3BC8, 4BZ7, 4BQ7	5AN8	5AN8, 6CU8	6CL8	5CL8, 6CQ8, 9CL8
4BE6	3BE6, 6BE6, 12BE6	6AQ5	5AQ5, 12AQ5, 6005, 6094, 6660	6CM6	6V6, 12CM6, 5992
4BN6	3BN6, 6BN6, 12BN6	6AQ6	6AT6, 6CN7		
4BQ7A	4BC8, 4BZ7, 5BQ7A, 6BQ7A	6AR5	7B5		
4B88	4BZ7, 5B88, 6B88	6AR6	6096		
4BU8	3BU8, 6BU8	6AS5	12AS5		
4BX8	6BX8				

*The tubes in each line of this listing are electrically similar but not necessarily interchangeable in either electrical or mechanical characteristics. A careful comparison of the data for each tube should be made before attempting to substitute one type for another.

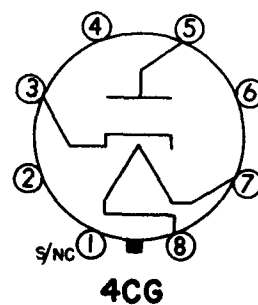
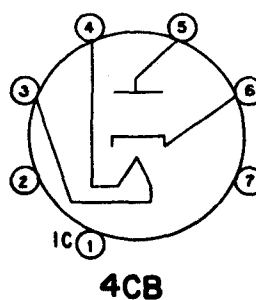
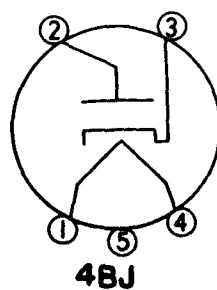
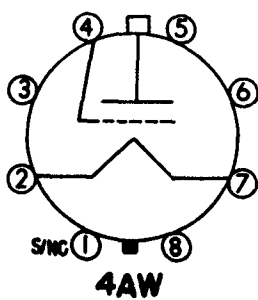
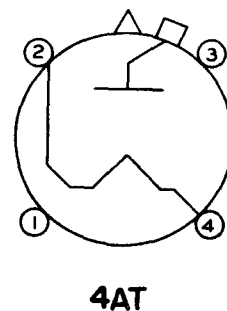
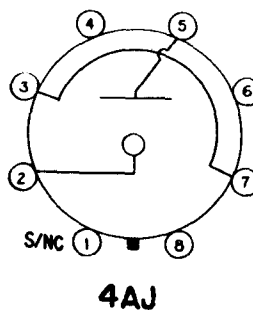
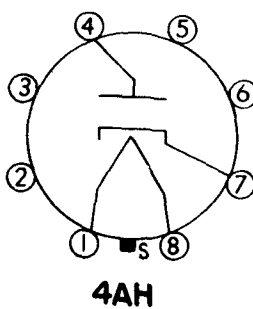
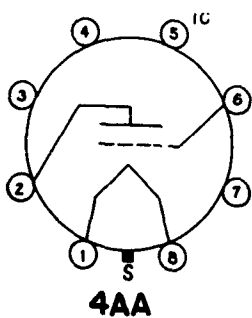
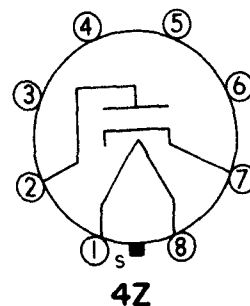
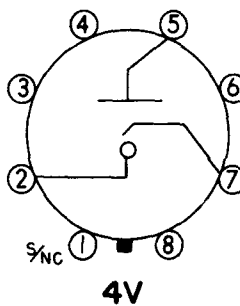
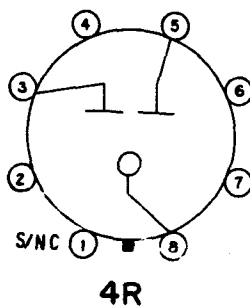
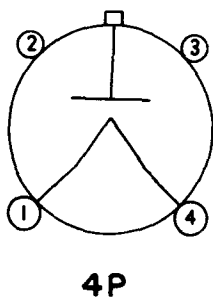
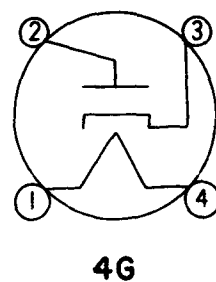
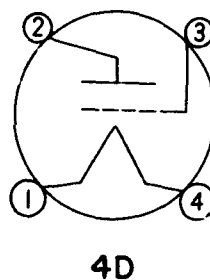
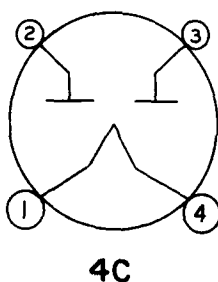
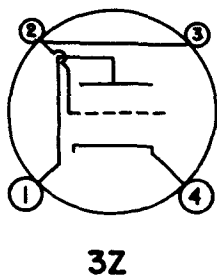
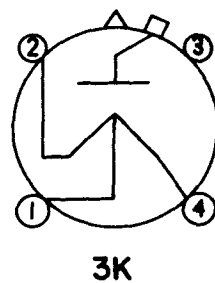
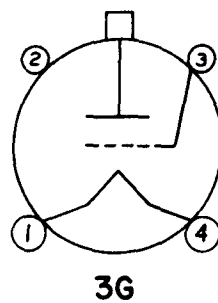
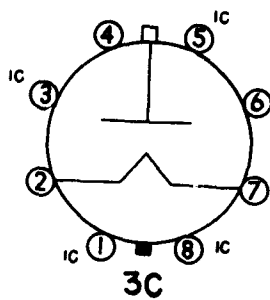
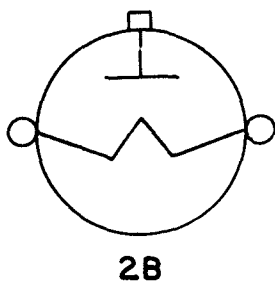
Tube	Similar types	Tube	Similar types	Tube	Similar types
6CM7	8CM7	8CG7, 8SN7	128F7	68F7	
6CM8	5CM8	8CM7	128G7	68G7, 128H7	
6CN7	6AQ6, 6AT6, 8CN7	8CN7	128H7	68H7, 128G7	
6CQ6	5CQ6, 6CL8	8C87	128J7GT	68J7, 128G7, 128K7	
6CR5	12CR5, 25CR5		128K7GT	68K7, 128D6, 128J7, 5661, 5662, 6187	
6CR6	12CR6				
6CR8	5CR8	8CX8	128L7GT	68L7, 14F7	
6CS5	12CS5, 6W6GT, 6DG6	8CY7, 11CY7	128N7GTA	68N7, 8SN7	
6CS6	3CS6, 4CS6, 6BY6, 12CS6, 5015A, 5750	8EM5	128Q7GT	68Q7GT, 128R7	
6C87	8C87	88N7GTB	12V6GT	6V6, 6V6, 12AB5, 12CM6	
6CU3	12CU3, 17CU3	9AU7	12W6GT	6W6, 12EN6, 12L6, 25W6	
6CU6	6AV5, 12CU6, 25CU6	9BR7			
6CU8	6AN8	9CL8			
6CX7	4CX7	9DZ8			
6CX8	8CX8	9EF6			
6CY5	2CY5, 3CY5, 4CY5, 6EA5, 7167	9U8A			
6CY7	8CY7, 11CY7				
6D1	5CZ5	9X8			
6DA1	6AU4GT, 12D4, 17D4	10DE7			
6DE6	4DE6, 6BZ6, 6CE5	11CY7			
6DE7	10DE7, 13DE7	12AB5			
		12AC6			
6DG6	6W6, 6CS5	12AD7			
6DK6	4DK6, 3DK6	12AE6			
6DN6	25DN6	12AF3			
6DQ6	12DQ6, 17DQ6, 25DQ6	12AF6			
6DR7	13DR7	12AG6			
6DT5	12DT5	12AL5			
6DT6	3DT6, 4DT6	12AQ5			
6DT7	12DT7	12AS5			
6DT8	3DT8, 4DT8	12AT6			
6DT8	12DT8	12AT7WA			
6DW5	6BQ6, 12DW5	12AU6			
6DZ8	9DZ8, 12DZ8, 18DZ8, 35DZ8	12AU7A			
6E5	6T5, 6U5	12AV6GA			
6EA5	2EA5, 3EA5, 6CY5	12AV6			
6EF6	9EF6, 12EF6	12AV7			
6EH5	12EH5, 25EH5, 50EH5	12AW6			
6EH8	5EH8	12AX4GT			
6EM5	8EM5	12AX7			
6F6GT	6AJ5, 42	12AY7			
6H6GT	12H6GT	12AZ7			
6J4WA	6AN4	12B3			
6J5WGT	68N7, 7A4, 12J5	12BA6			
6J6	6J6, 1J6, 5664, 6069, 6101	12BA7			
6J7GT	3C6, 6D6, 6U7, 1620, 5879	12BD6			
6K6GT	5686	12BE6			
6L6GB	35L6, 807, 5681, 5682	12BF6			
6L6GT	6BA7, 6BE6, 12SA7, 5661	12BH7A			
68C7	128C7, 6651	12BK5			
68F7	128F7	12BK6			
68G7	68H7, 128G7				
68H7GT	68G7, 128H7	12BN6			
68J7WGT	68K7, 128J7, 5663, 6137	12BQ6GT			
68K7WA	6BD4, 68J7, 7A7, 128K7, 5663, 6137	12BR7A			
68L7WGT	68U7, 128L7, 5661, 6113, 6188	12BV7			
68N7GTB	6J5, 88N7, 128N7, 5662	12BW4			
68Q7GT	128Q7GT	12BY7A			
68U7GTY	68L7, 7F7, 5661, 6113, 6188	12C6			
6T4	2T4, 6AF4A	12CA5			
6T8	5T8, 6V8, 19T8	12CM6			
6U5	6E5				
6U8A	5U8, 6BE8, 6BR8, 9U8, 6678	12CR5			
6V6GT	5V6, 6CM6, 12V6, 5671, 5662	12CR6			
6V8	6T8, 19V8	12CS5			
6W4GT	6AX4, 6U4, 25W4	12C96			
6W6GT	6CR5, 6DG6, 12W6, 25W6	12CU8			
6X4WA	6X5WGT, 7Y4, 12X4, 5663, 6202, 6203, 6754	12CU6			
6X5WGT	6X4WA, 7Y4, 5662, 5663, 6202	12D4			
6X8A	5X8, 6AT8, 6CG8, 9X8, 19X8	12DF7			
6Y6GA	6U6, 25C6	12DQ6A			
7A6	5679	12DT5			
7A7	6BD4, 68K7, 7L7, 6137				
7AK7	6886	12DT8			
7AU7	9AU7, 12AU7	12DW5			
7B5	6AR5	12DZ8			
7Y4	6X4, 6X5, 5663, 6202	12EF6			
7Z4	6BW4, 6754	12EG6			
8AU8	6AU8, 6BH8				
8BAA8	6BAA8	12EH5			
8BH8	6BH8, 8AU8	12EN8			
8BN8	6BN8	12G4			
		12H4			
		12H6GT			
8BQ6	6BQ6	12J5WGT			
		12L6GT			
		12R5			
		12SA7GT			
		12SC7			
		6CG7, 88N7			
		6CM7			
		6CN7			
		6C87			
		6CX8			
		6CY7, 11CY7			
		6EM5			
		68N7, 8CG7, 128N7			
		7AU7, 12AU7			
		12BR7			
		5OLA, 6CL8			
		6DZ8, 12DZ8, 18DZ8, 35DZ8			
		6EF6, 12EF6			
		5U8, 6U8			
		5X8, 6X8, 9X8			
		10DE7, 13DE7			
		6CY7, 8CY7			
		12CM6, 12V6			
		12AF6			
		12AX7, 12DF7, 6681, 7025			
		12EG6			
		6AF3			
		12AC6			
		12EG6			
		3AL5, 6AL5, 7055			
		5AQ5, 6AQ5			
		6AS5			
		6AT6, 12AV6			
		12AZ7, 12DT8, 6201, 6679			
		3AU6, 4AU6, 6AU6			
		7AU7, 9AU7, 5814A, 6189, 6680			
		6AV5, 12CV6, 17AV5, 25AV5			
		3AV6, 6AV6, 12BK6			
		6BK7A			
		6AG5, 6BH6			
		6AX4, 17AX4, 25AX4, 6U4			
		12DF7, 7025, 12AD7, 6AL7			
		6072			
		12AT7, 12DT8, 6201, 6679			
		6B3			
		3BA6, 6BA6, 4BA6			
		6BA7, 12BA7			
		12BK7, 6BD6			
		3BE6, 4BE6, 6BE6			
		6BF6, 12BU6, 25C6			
		6350			
		6BK4, 50BK5, 25BK5			
		6BK6, 12AT6, 12AV6, 12BT6,			
		25BK6			
		3BN6, 4BN6, 6BN6			
		6BQ6, 12DW5, 17BQ6, 25BQ6			
		9BR7			
		12BY7			
		6BW4			
		6OLA, 12BV7, 6677			
		5BZ7, 6BZ7			
		12CU6, 17CA, 25CA, 50C5			
		6CAA, 17CAA, 25CAA			
		5CM6, 6CM6, 12AB5, 12V6			
		6ORA, 25CR5			
		6CR6			
		6CR8			
		3CR6, 4CR6, 6CR6			
		12CA, 6OUA, 17CU5			
		6CU6, 12AV5, 25CU6			
		6DA4, 17D4			
		12AD7, 12AX7, 6681, 7025			
		6DQ6, 17DQ6, 25DQ6			
		6DT5			
		6DT8, 12AZ7, 12AT7, 6201, 6679			
		6DW4, 12BQ6			
		6DZ8, 9DZ8, 18DZ8, 35DZ8			
		6EFA, 9EFA			
		12AD6, 12AG6			
		6EH5, 25EH5, 50EH5			
		12L6, 12W6			
		12H4, 12J5			
		12G4, 12J5			
		6H6			
		6J5, 12G4, 12H4			
		17L6, 25L6, 50L6			
		17R5			
		68A7, 12BA7			
		68C7, 5751, 6851			
		128F7			
		128G7			
		128H7			
		128J7GT			
		128K7GT			
		128L7GT			
		128N7GTA			
		128Q7GT			
		12V6GT			
		12W6GT			
		12X4			
		13DE7			
		13DR7			
		14F7			
		17AV6GA			
		17AX4GT			
		17BQ6GTB			
		17C5			
		17CA5			
		17CU5			
		17D4			
		17DQ6A			
		17L6GT			
		17R5			
		18DZ8			
		19AU4GTA			
		19BQ6			
		19J6			
		19T8			
		19V8			
		19X8			
		23AV6GA			
		25AX4GT			
		25BK5			
		25BQ6GT			
		25C5			
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		35L6GT			
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		50C5			
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		50Y6GT			
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		408A			
		CK542DX			
		CK548DX			
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		955			
		CK1027			
		1620			
		2050W			
		5590			
		5591			
		5636			
		5643			
		5654			
		5670WA			
		5686			
		5687WA			
		5690			
		68F7			
		68G7, 128H7			
		68H7, 128G7			
		68J7, 128G7, 128K7			
		68K7, 128D6, 128J7, 5661, 5662, 6187			
		68L7, 14F7			
		68N7, 8SN7			
		68Q7GT, 128R7			
		6V6, 6V6, 12AB5, 12CM6			
		6W6, 12EN6, 12L6, 25W6			
		6X4WA			
		6DE7, 10DE7			
		6DR7			
		128L7, 14AF7			
		6AV5, 12AV5, 25AV5			
		6AX4, 12AX4, 25AX4			
		6BQ6, 12BQ6, 25BQ6			
		12C5, 17CU6, 25C5, 50C5			
		6CA5, 12CA5, 25CA5			
		6CU5, 12CU5, 17C5			
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		6DQ6, 12DQ6, 25DQ6			
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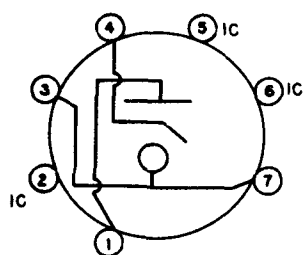
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5692	6SN7, 6CG7	6028	408A	6520	6AS7GA, 6080, 6082, 7105
5693	6SJ7, 6SK7	6046	25L6, 25W6	6533WA	6247WA
5696	6643	6072	12AY7	6540	5702
5702WB	6AK5, 6640	6073	OA2WA, 6626, 6830	6582A	6AK5, 6068
5725	6AS6, 6187, 5784, 6486	6074	OB2WA, 6627	6626	OA2, 6073, 6830
5726	6AL5, 6097	6080WA	6AS7GA, 6082, 7105, 6520	6627	OB2, 6074
5727	2D21	6082	6AS7GA, 6080, 7105, 6520	6650	CK1042, CK1027
5744	6247, 6533	6087	5Y3WGT, 6Z4, 5690, 6AX5, 5V4	6660	6BA6, 5749
5749	6BA6, 6660	6094	6AQ5, 6005, 6066, 6669	6661	6BH6, 6265
5750	6BE6, 6CS6	6098	6AR6	6682	6BJ6
5751	12SC7	6099	6J6, 6101, 5964	6683	6AL5, 5726
5755	420A	6100	6C4WA, 6135	6689	6AQ5, 6005
5763	6417, 6159, 6146	6101	6J6, 5964, 6099	6677	6CL6, 12BY7, 6197
5784WA	6AS6, 5725, 6486	6106	6853	6678	6BR8, 6BE8, 6U8
5814A	12AU7, 6189, 6680	6113	6SL7, 6SU7, 6188	6679	12AT7, 12AZ7, 12DT8, 6201
5824	25B6G	6134	6AB7, 6AC7	6680	12AU7, 5814A, 6189
5838	5839, 5852	6135	6C4WA, 6100	6681	12AD7, 12AX7, 12DF7, 7025
5839	5838, 5852	6136	6AU6	6754	6BW4, 7Z4, 6203
5840	6205, 5906	6137	6BD6, 6SK7GT, 7A7	6829	5965
5842	417A	6140	423A	6830	OA2, 6073, 6626
5844	6211	6146	5763, 6159, 6417	6831	OB2, 6074, 6627
5847	404A	6159	5763, 6146, 6417	6832	5755
5852	5839, 5839	6186	6AG5, 6BC5	6851	68C7
5879	6J7	6188	6SL7, 6SU7, 6113	6853	6106
5881	6L6, 5932	6189	12AU7, 5814A, 6680	6854	2C51, 5670, 6021, 6385
5886	5889	6197	6CL6, 12BY7, 6677	6888	7AK7
5889	5886	6201	12AT7, 12AZ7, 12DT8, 6679	6893	2E26
5896	5903, 6110	6202	6X4, 6X5, 7Y4, 5993, 6203, 6754	6900	5687
5899	6206	6203	6BW4, 6X4, 6X5, 7Y4, 5993, 6202, 6754	6913	6350
5902	6224	6205	5840, 5906	6943	5636, 6944
5903	5896, 6110	6206	5899	6947	5670
5906	5840, 6205	6211	5844	6968	6AK5, 6682
5910	1L4, 1T4, 1U4	6247WA	6533	7025	12AD7, 12AX7, 12DF7, 6681
5915A	6BE8, 6CS6	6265	6BH6, 6661	7036	6BY6
5916	5636	6350	12BH7A, 6913	7055	12AL5
5930	2A3	6385	2C51, 5670, 6021, 6854	7105	6AS7GA, 6080, 6082, 6520
5931	5U4QA, 5AS4A	6417	5763, 6146, 6159	7137	6AJ4
5932	6L6, 807, 5881	6418	CK548DX	7167	6CY5
5933	807, 6L6	6419	CK549DX	7190	7191, 7192
5964	6J6, 6099, 6101	6436	CK1036	7191	7192, 7190
5965	6829	6437	6438	7192	7190, 7191
5992	6CM6, 6V6	6438	6437	7205	7229, 7230
5993	6X4, 6X5, 7Y4, 6203	6463	6350	7229	7205, 7230
5998	421A	6485	6AH6	7230	7205, 7229
6005	6AQ5, 6065, 6669			9003	5590

Supplementary List of Similar Types of Receiving Tubes

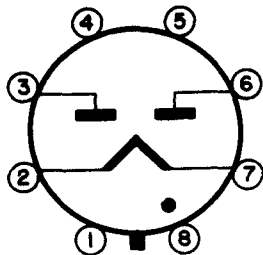
Tube	Similar types	Tube	Similar types	Tube	Similar types
2FV6	6FV6	12DM7	12AX7, 12DT7	1216	5844
4EW6	6EW6	17DE4	6DE4, 22DE4	1217	5915A
5GH8	6GH8	19CL8A	6CL8A	7036	5915A
6DE4	17DE4, 22DE4	19EA8	6EA8	7079	6111
6EX6	21EX6	22DE4	6DE4, 17DE4	7083	5702WA
6EY6	7EY6	25D4	12D4	7370	5687
10DR7	6DR7, 13DR7	25DT5	6DT5	7462	7077
10EB8	6EB8	50CA5	6CA5	7543	6AU6

7. EIA Basing Diagrams

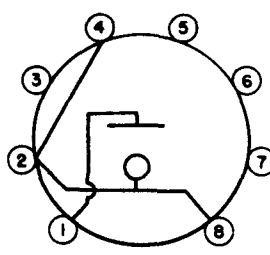




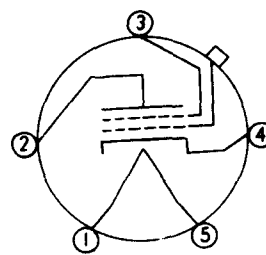
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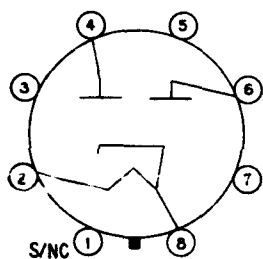
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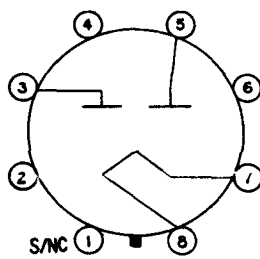
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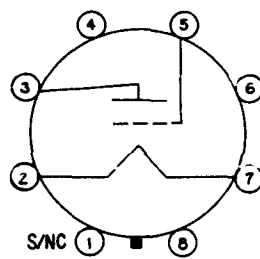
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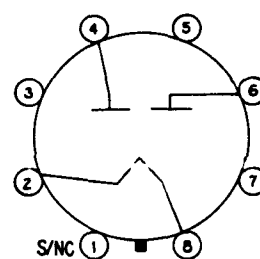
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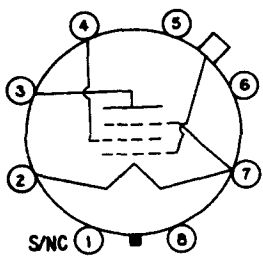
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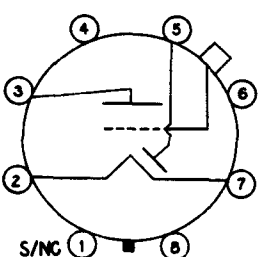
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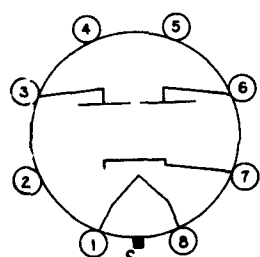
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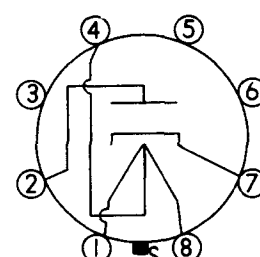
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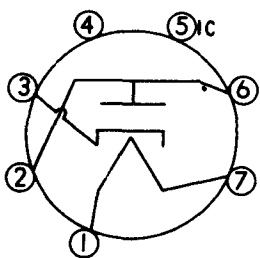
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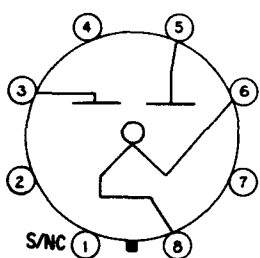
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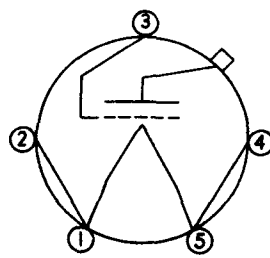
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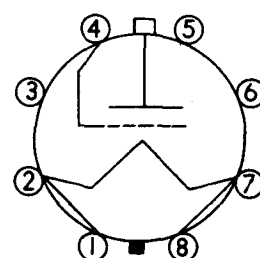
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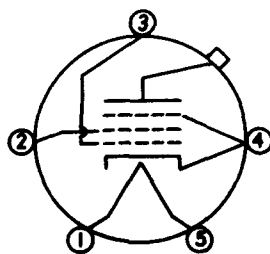
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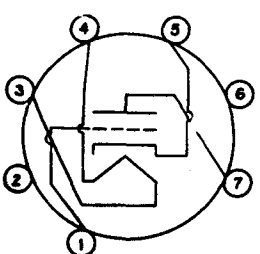
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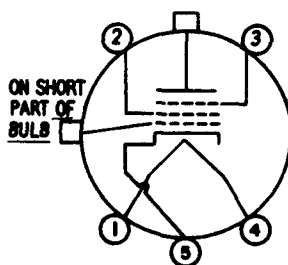
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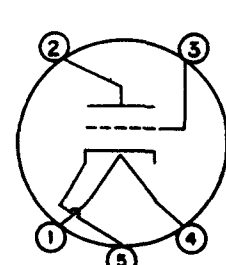
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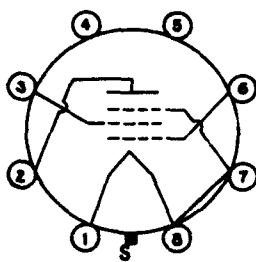
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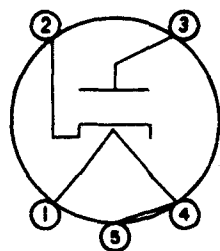
ON SHORT
PART OF
BULB
VIEWED FROM SHORT END
5BB



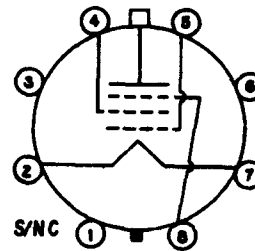
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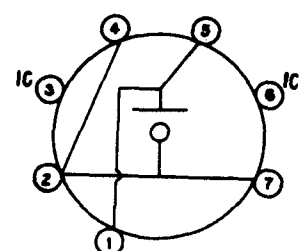
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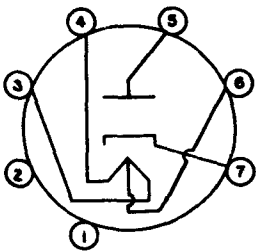
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5BG



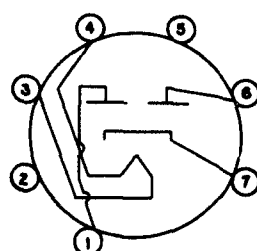
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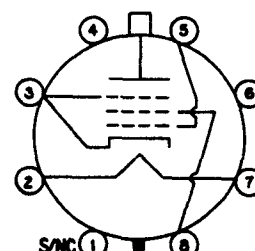
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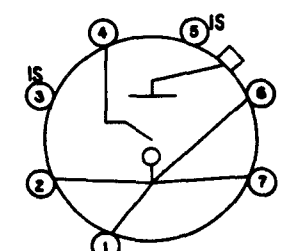
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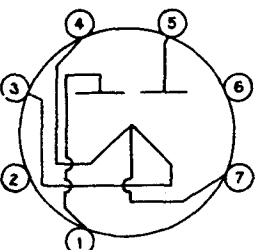
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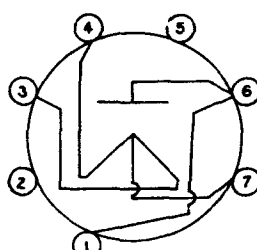
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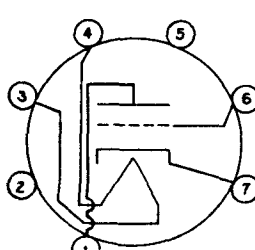
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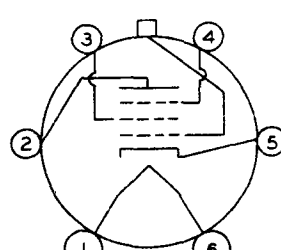
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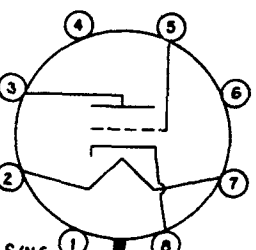
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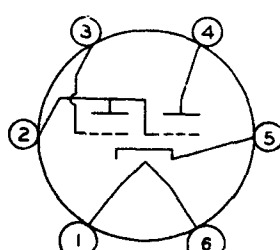
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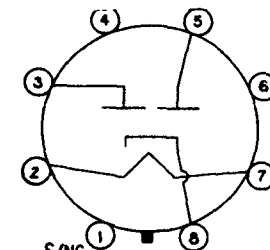
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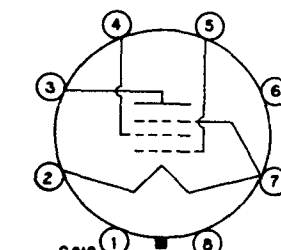
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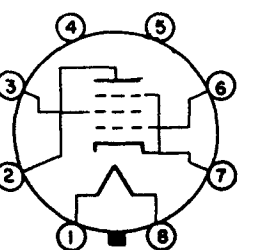
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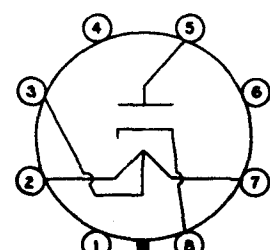
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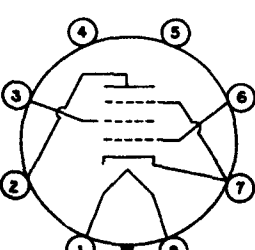
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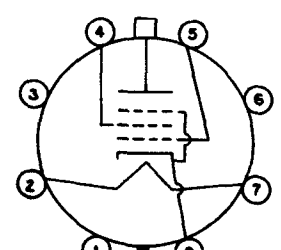
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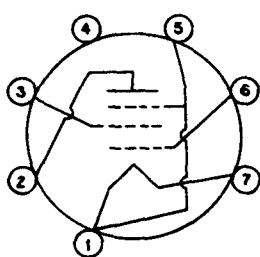
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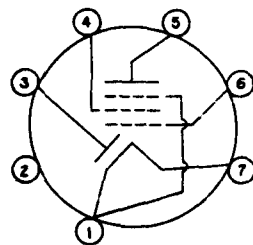
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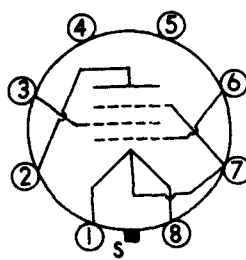
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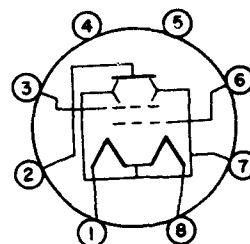
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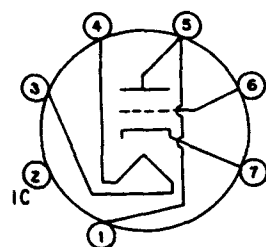
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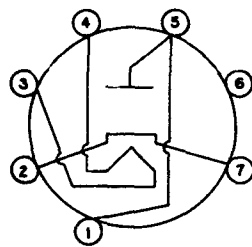
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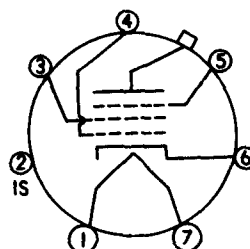
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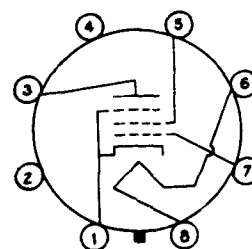
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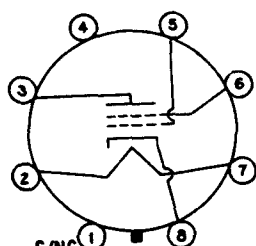
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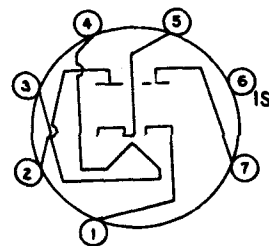
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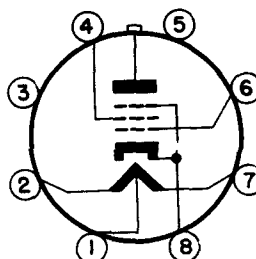
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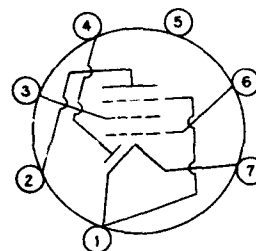
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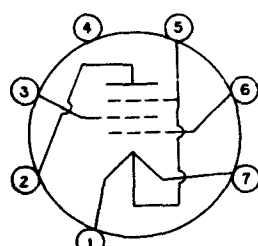
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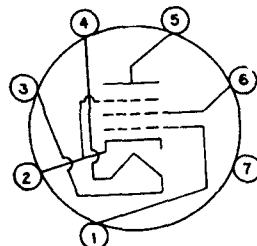
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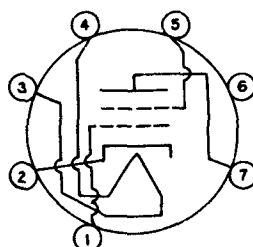
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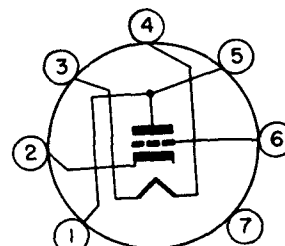
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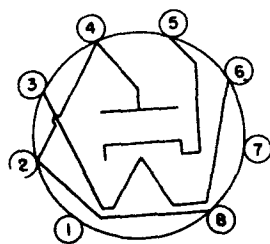
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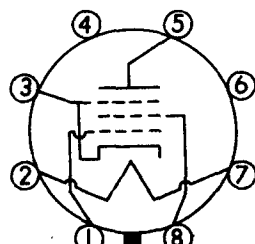
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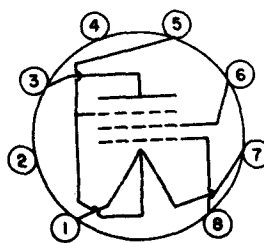
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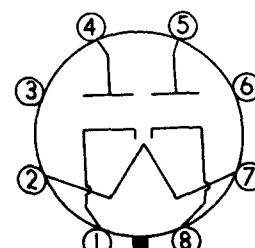
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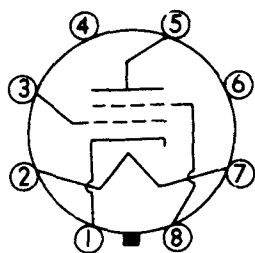
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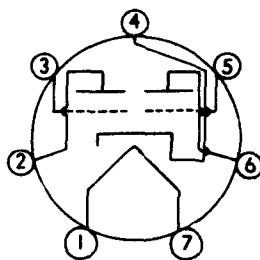
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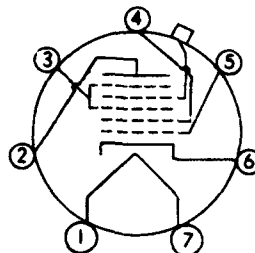
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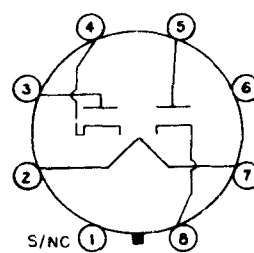
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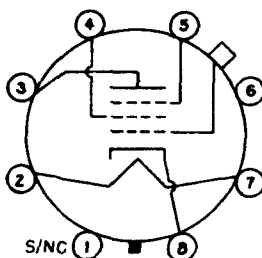
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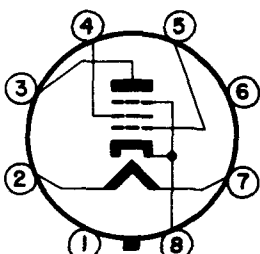
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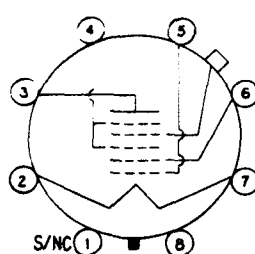
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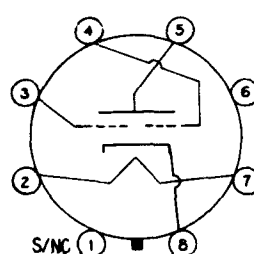
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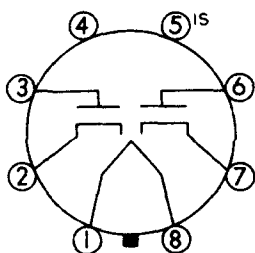
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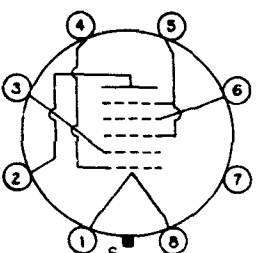
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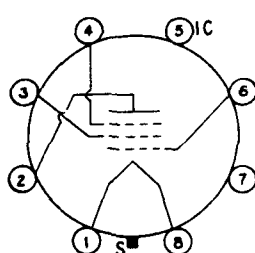
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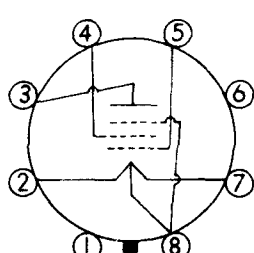
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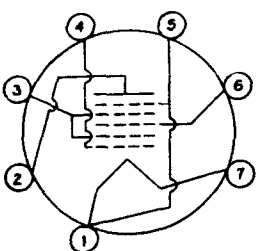
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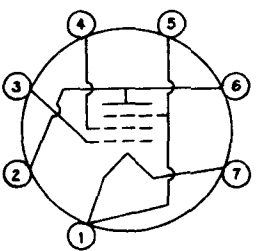
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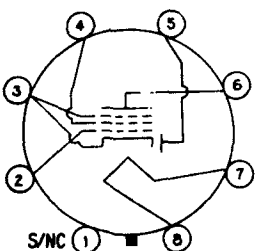
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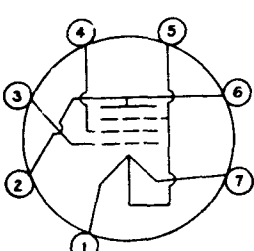
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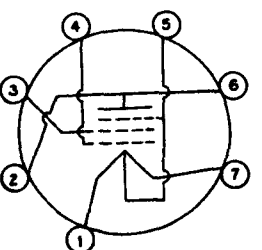
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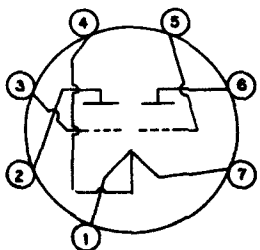
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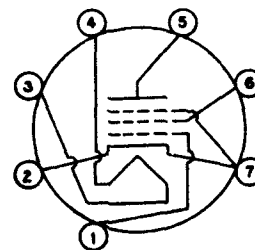
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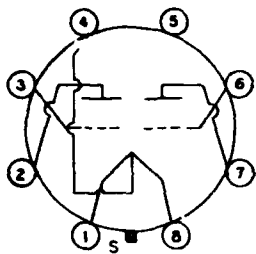
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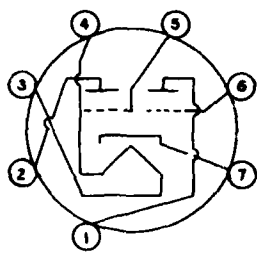
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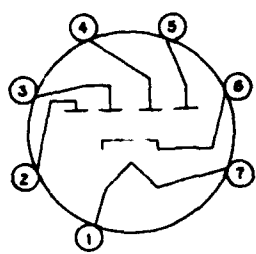
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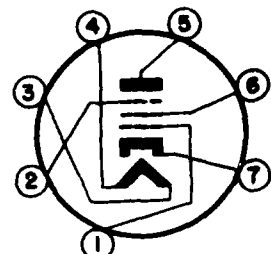
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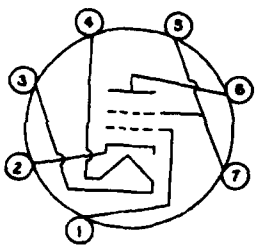
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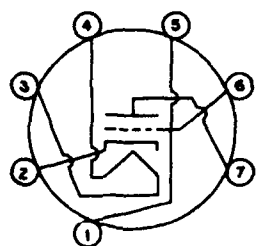
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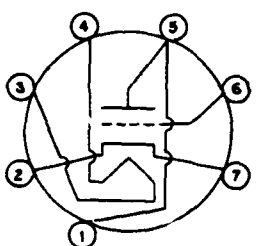
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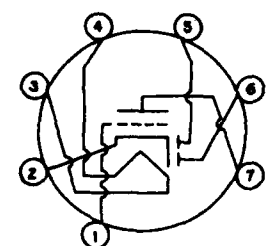
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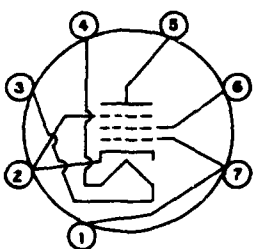
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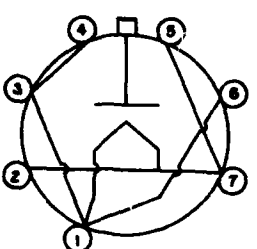
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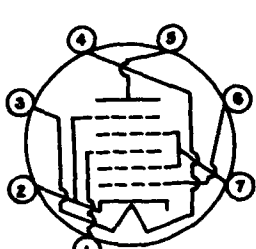
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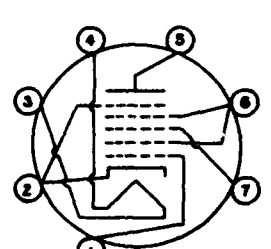
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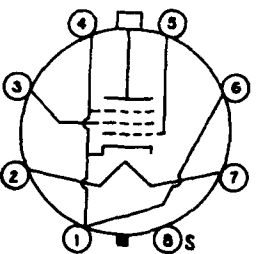
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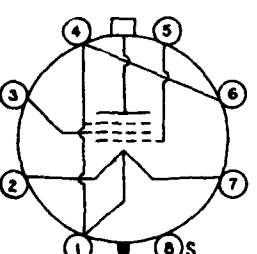
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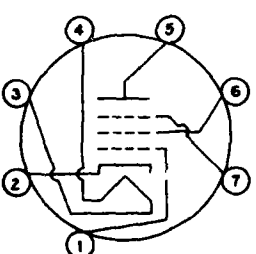
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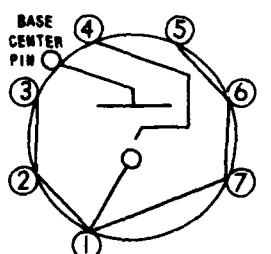
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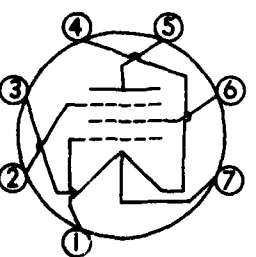
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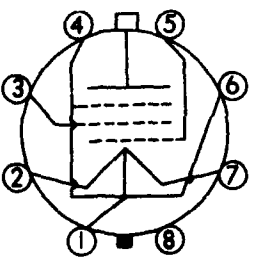
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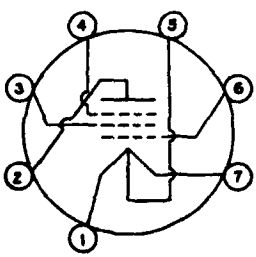
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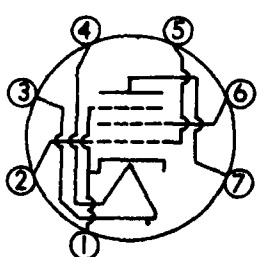
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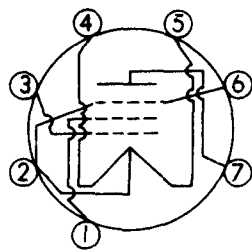
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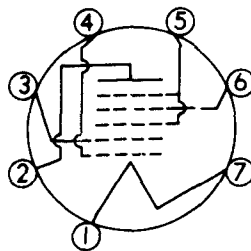
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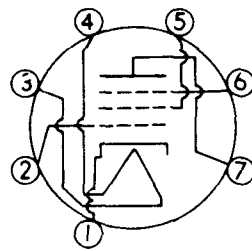
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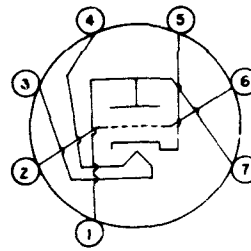
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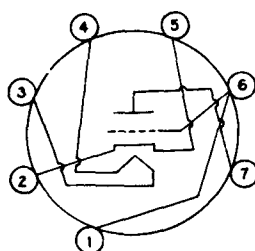
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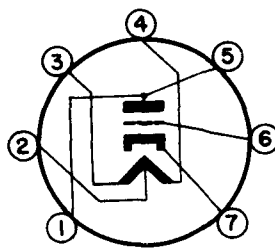
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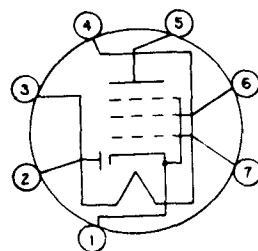
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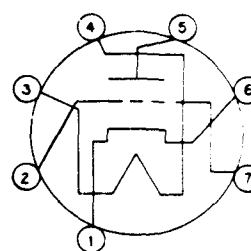
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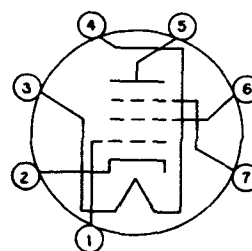
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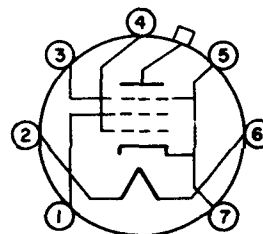
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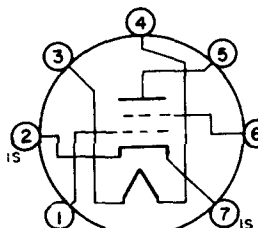
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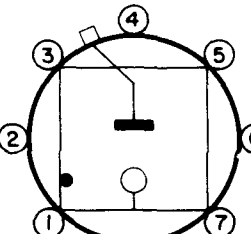
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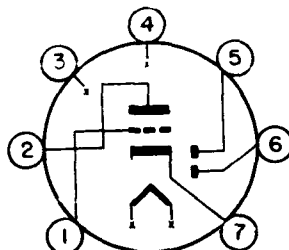
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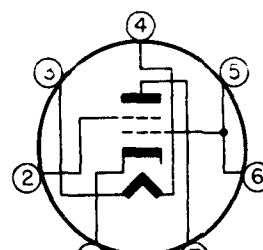
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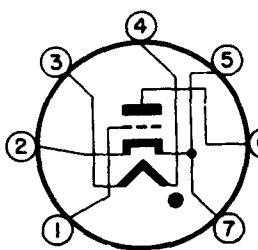
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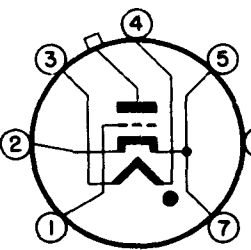
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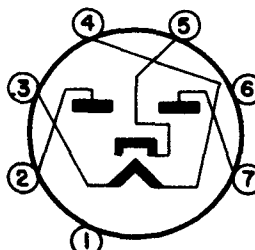
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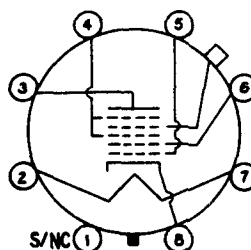
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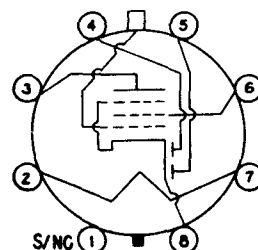
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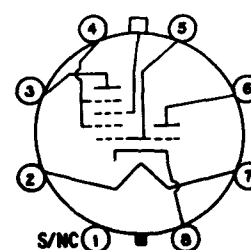
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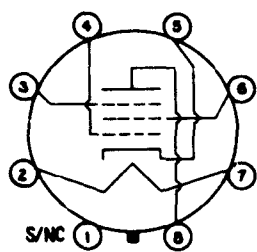
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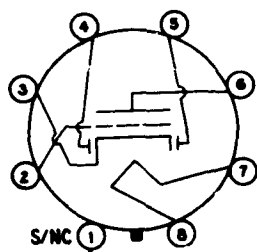
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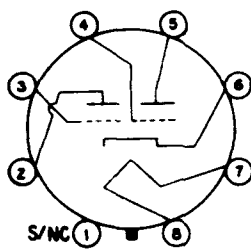
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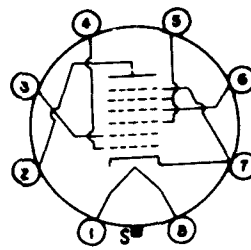
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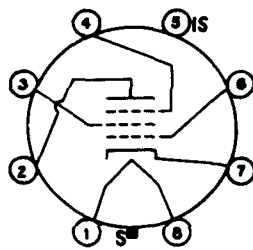
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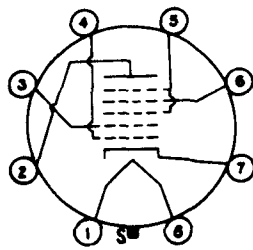
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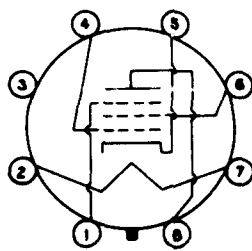
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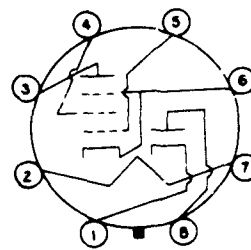
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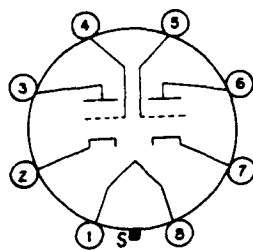
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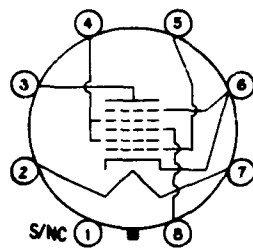
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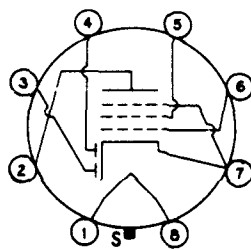
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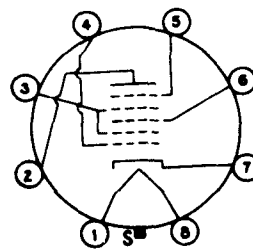
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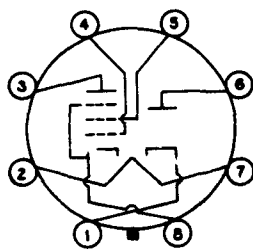
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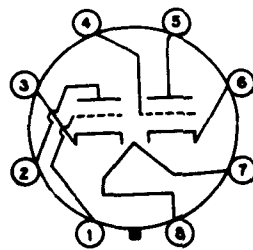
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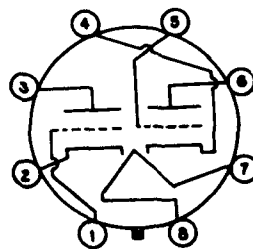
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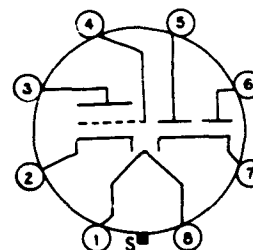
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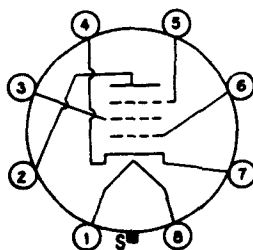
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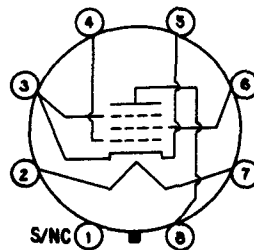
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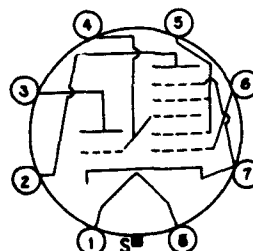
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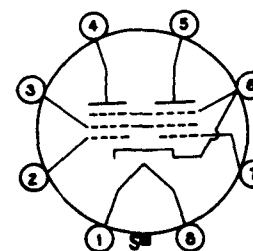
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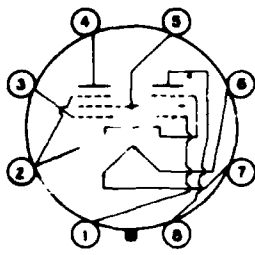
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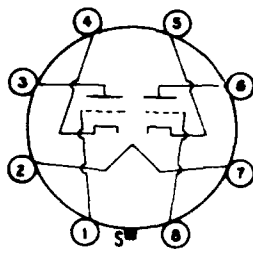
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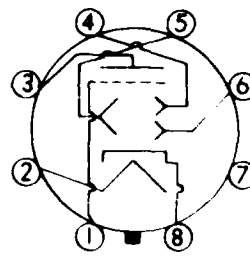
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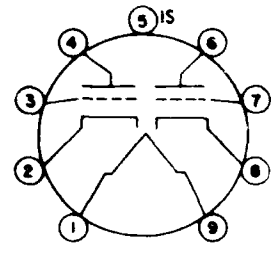
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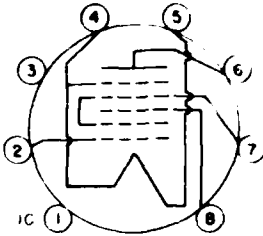
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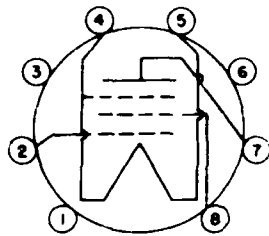
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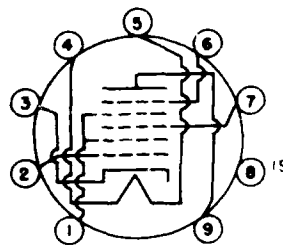
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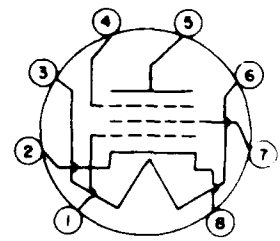
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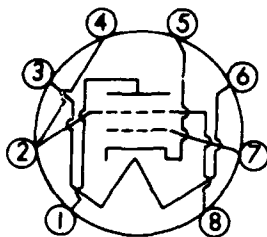
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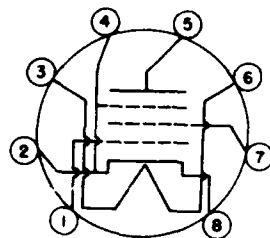
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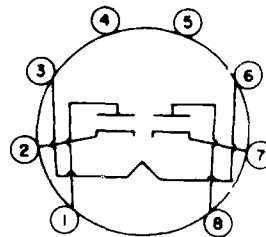
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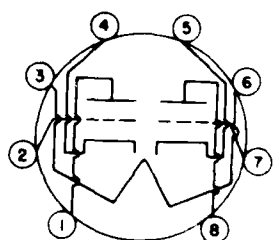
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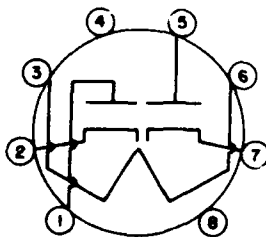
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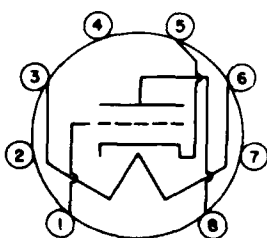
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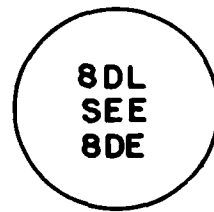
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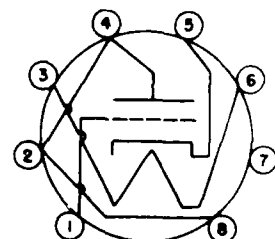
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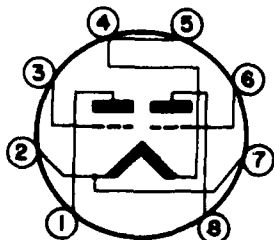
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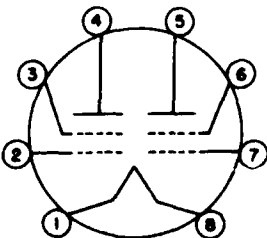
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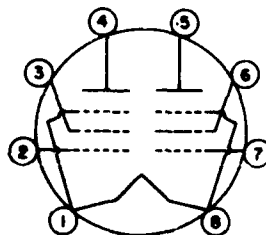
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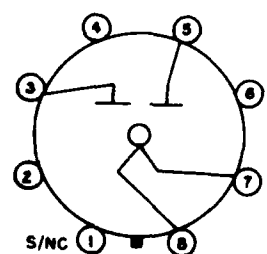
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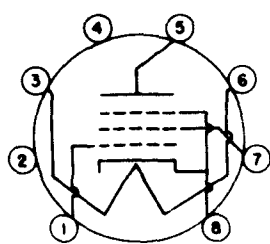
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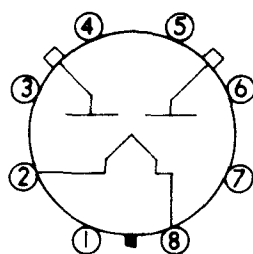
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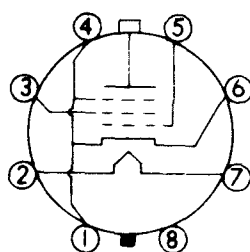
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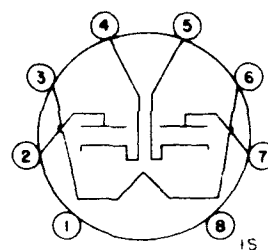
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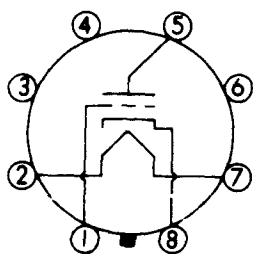
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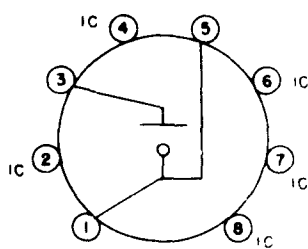
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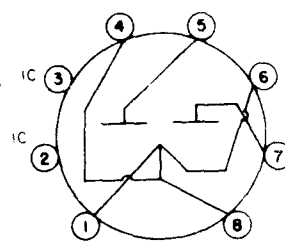
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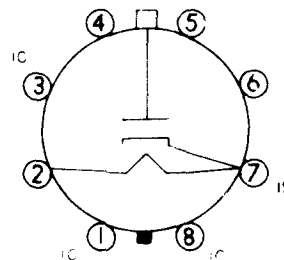
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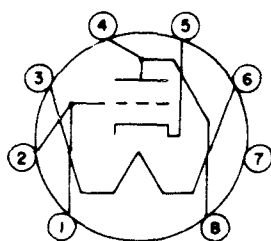
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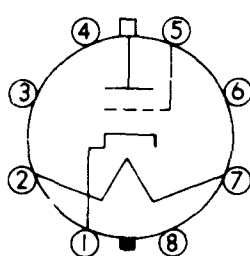
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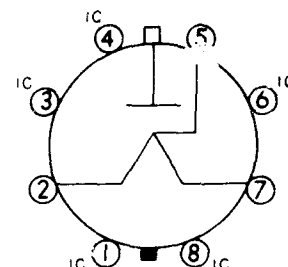
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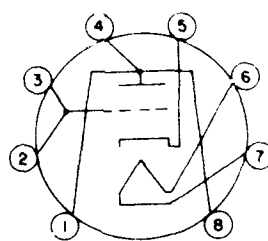
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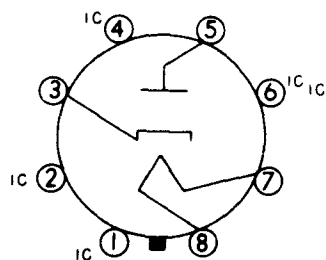
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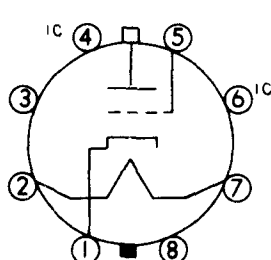
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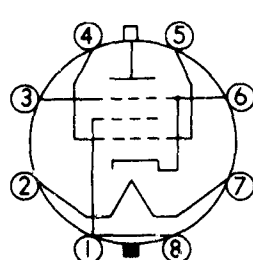
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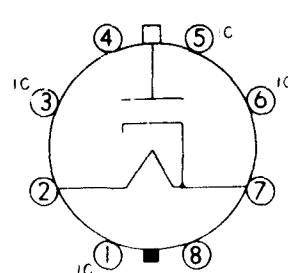
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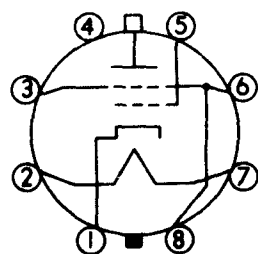
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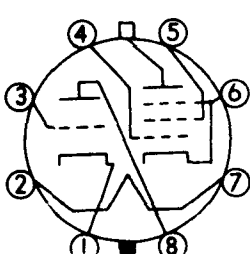
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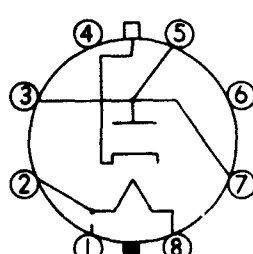
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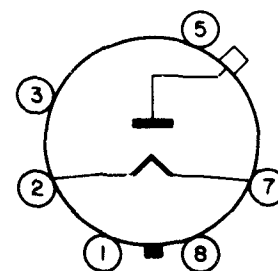
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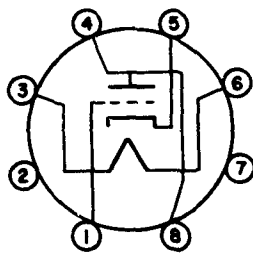
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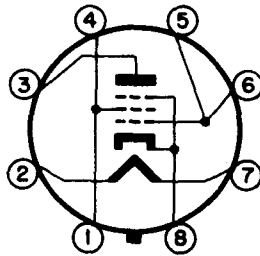
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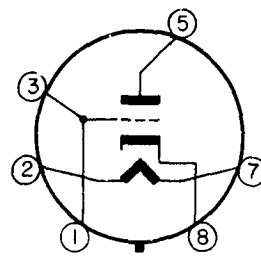
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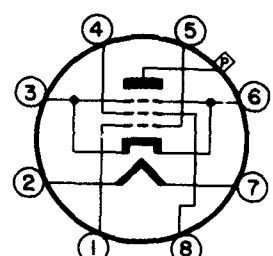
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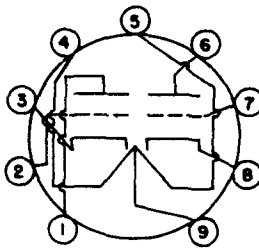
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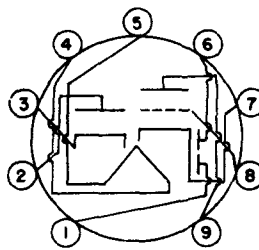
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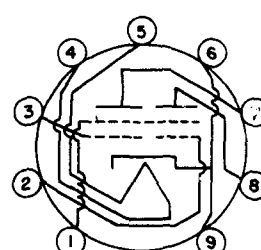
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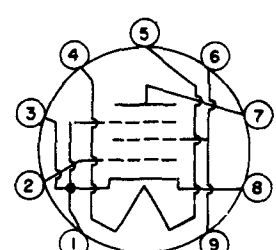
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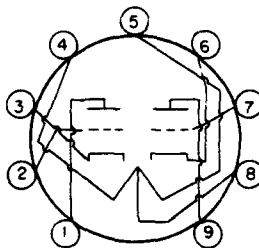
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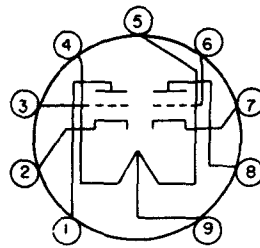
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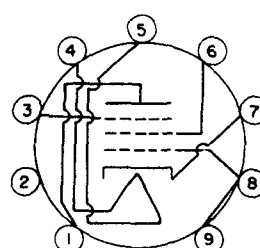
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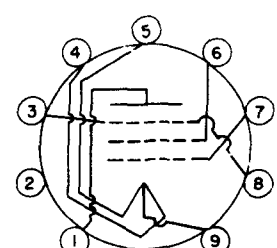
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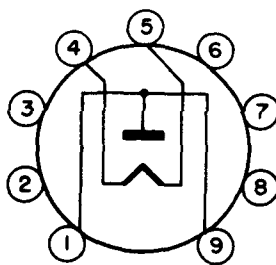
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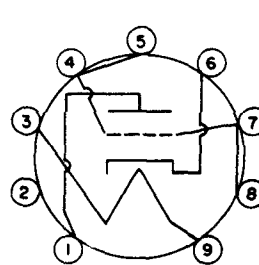
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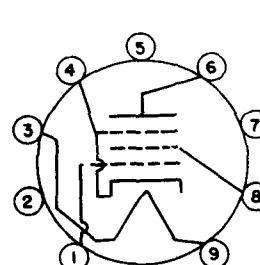
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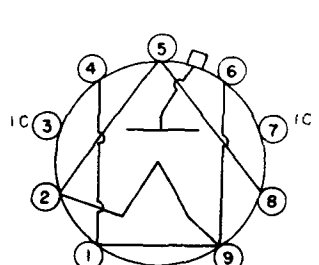
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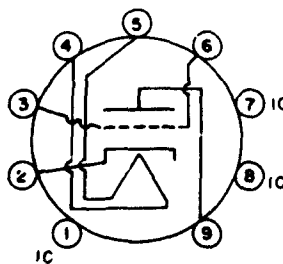
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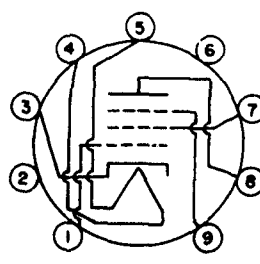
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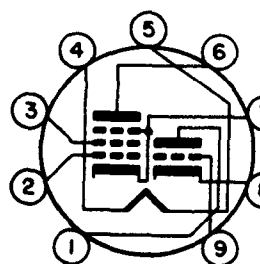
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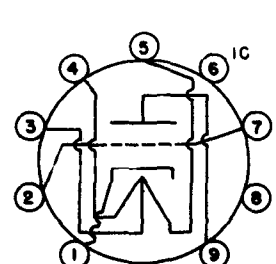
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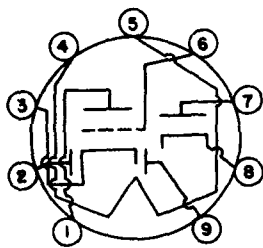
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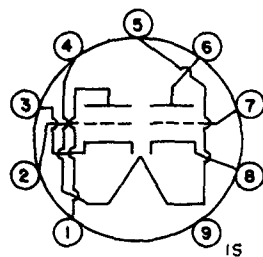
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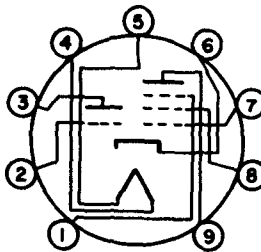
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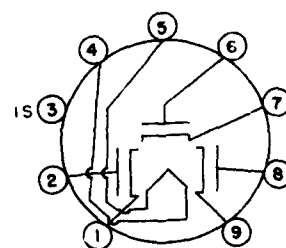
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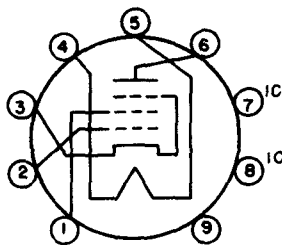
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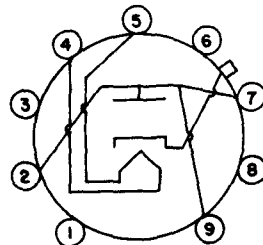
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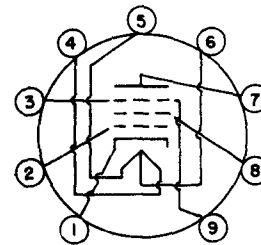
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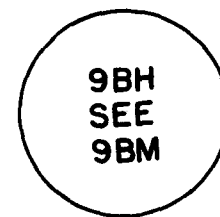
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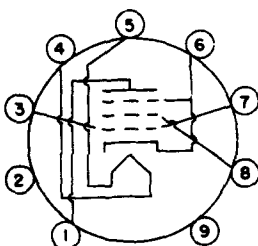
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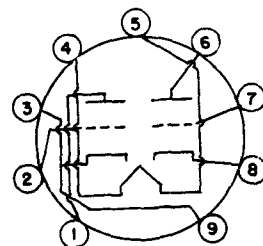
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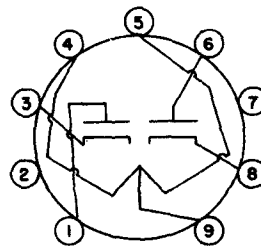
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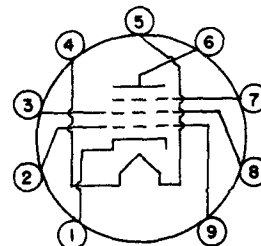
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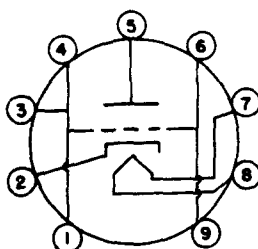
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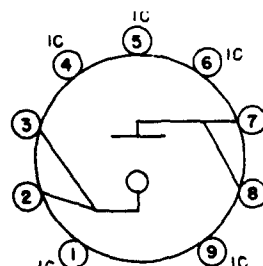
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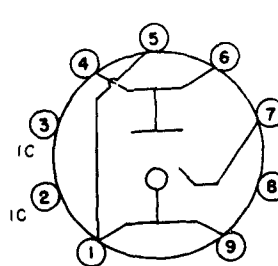
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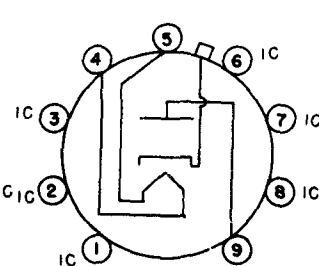
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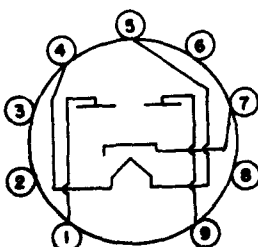
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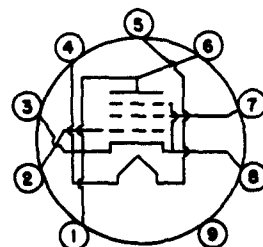
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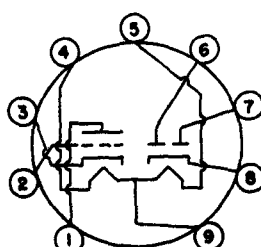
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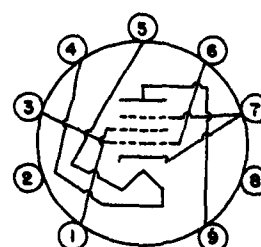
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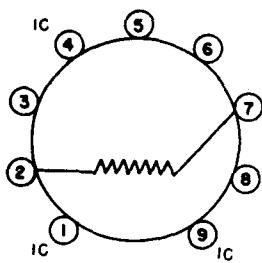
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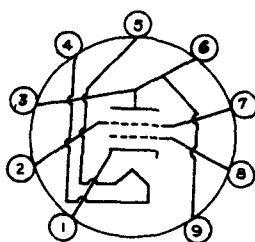
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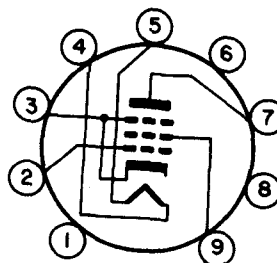
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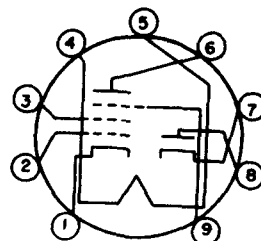
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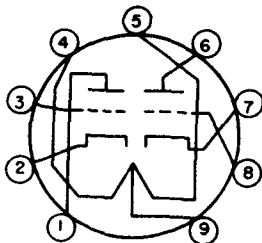
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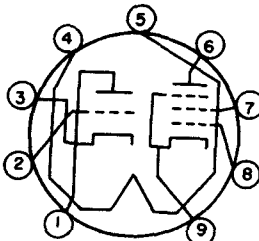
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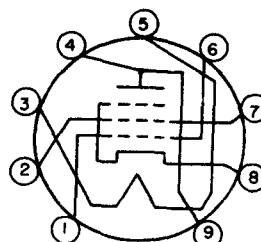
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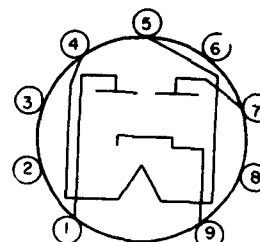
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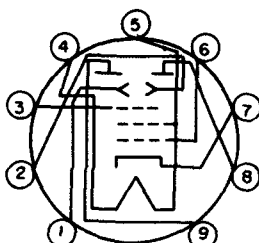
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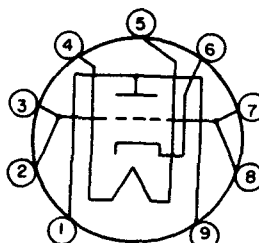
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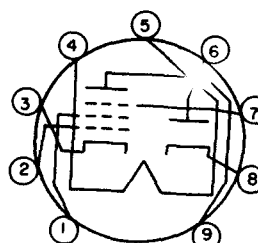
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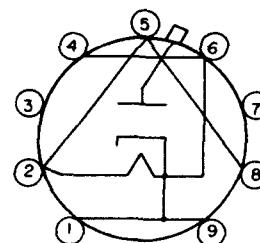
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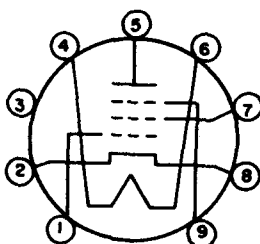
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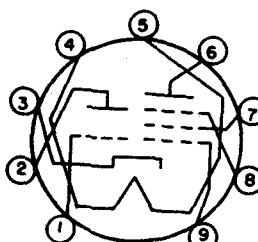
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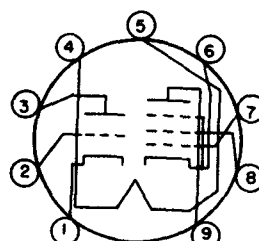
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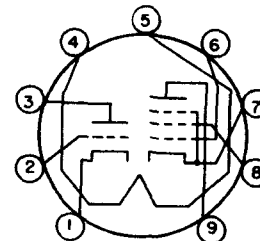
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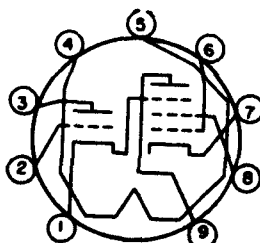
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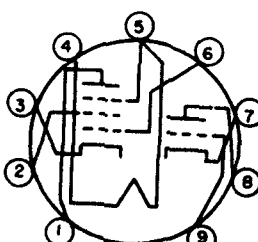
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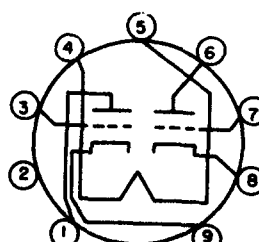
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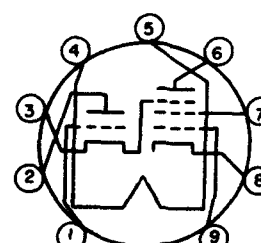
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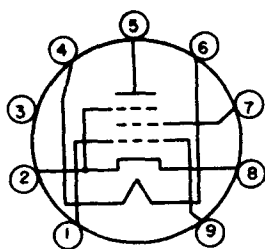
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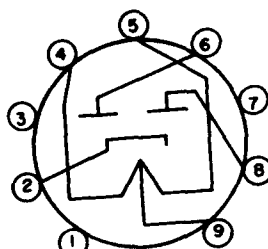
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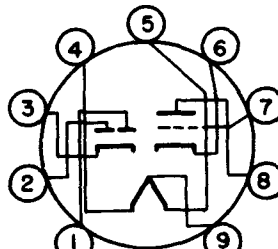
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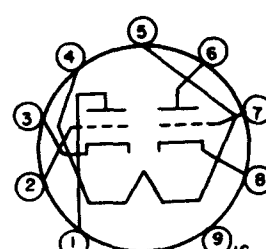
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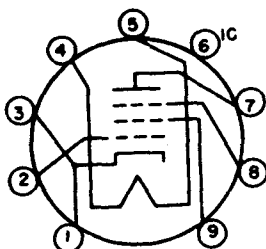
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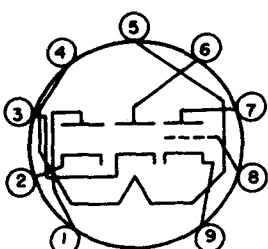
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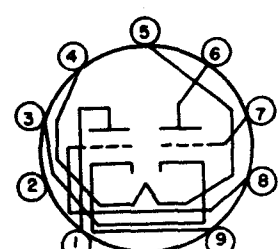
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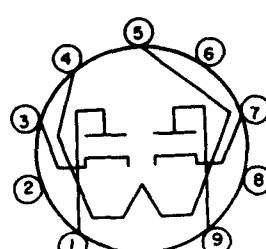
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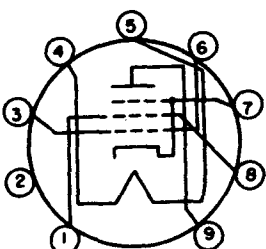
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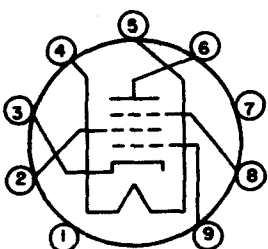
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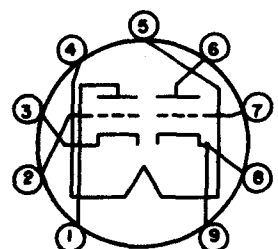
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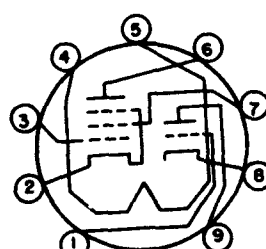
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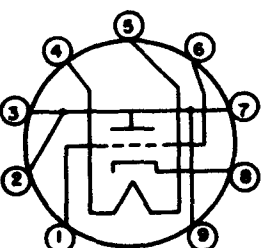
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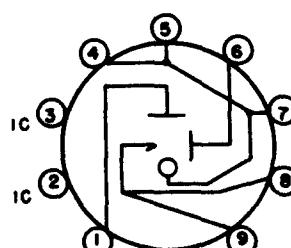
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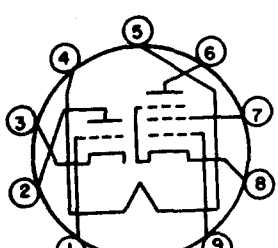
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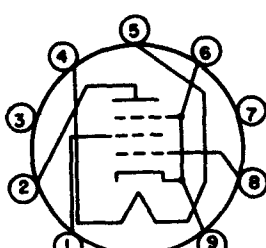
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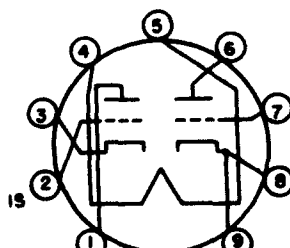
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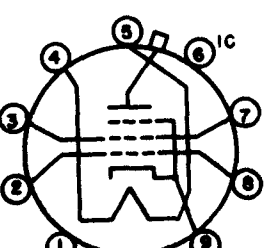
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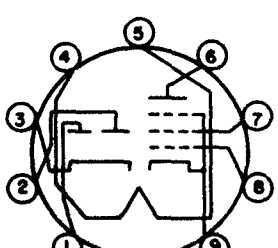
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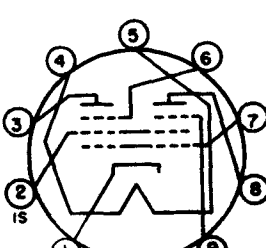
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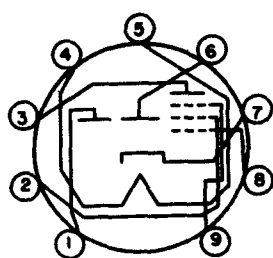
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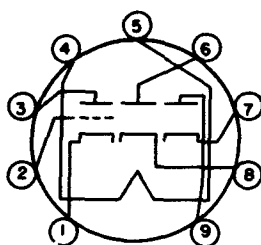
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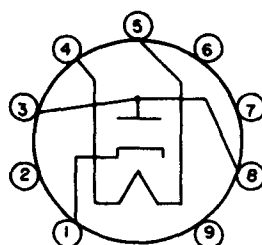
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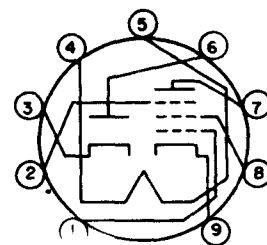
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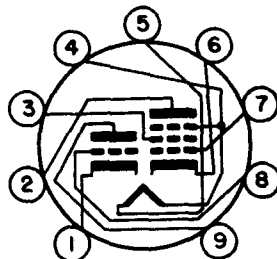
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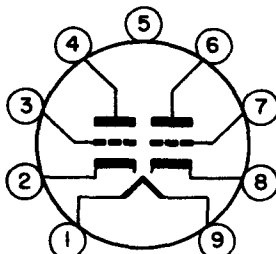
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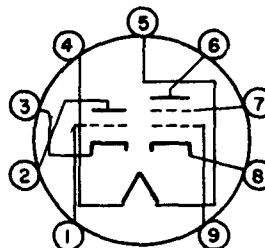
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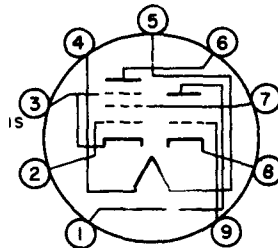
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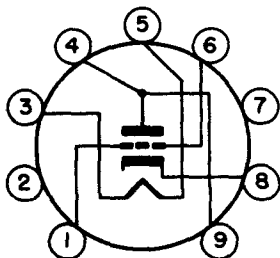
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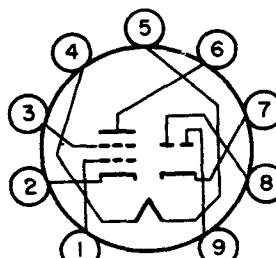
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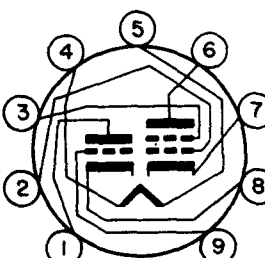
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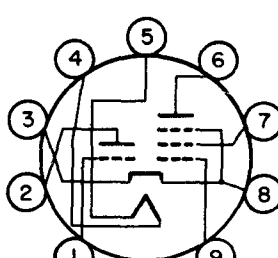
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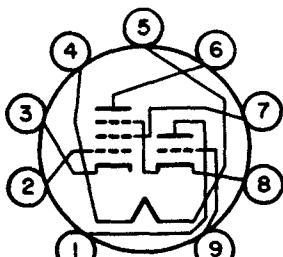
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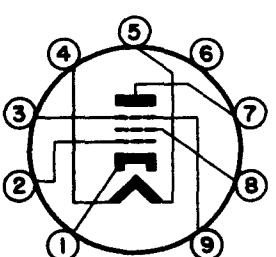
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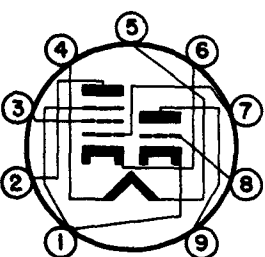
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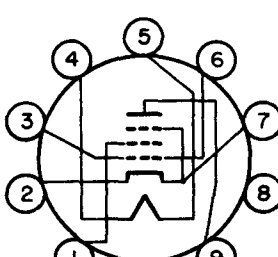
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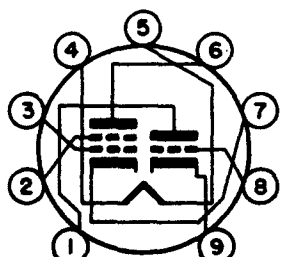
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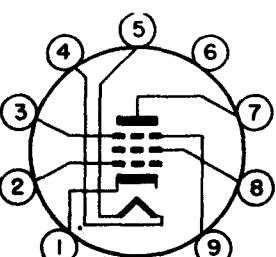
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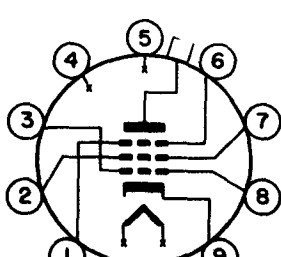
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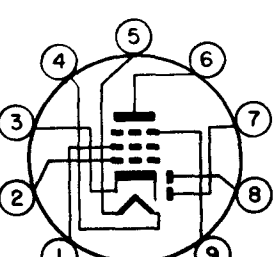
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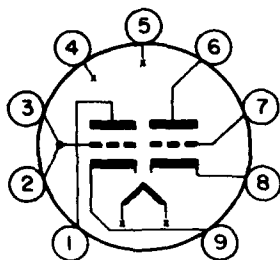
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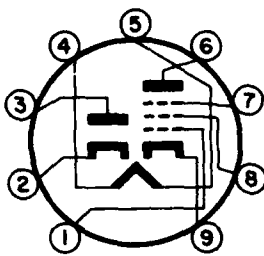
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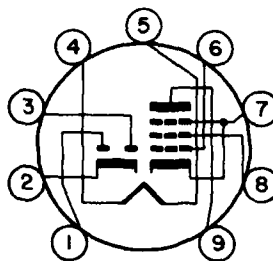
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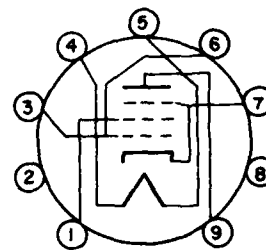
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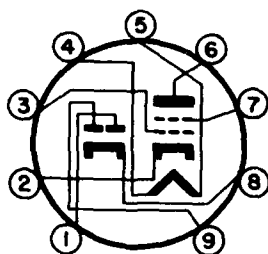
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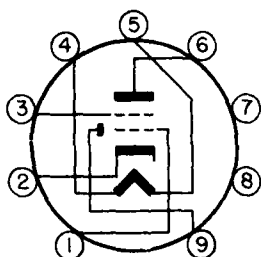
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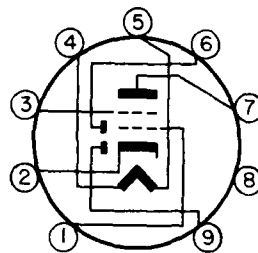
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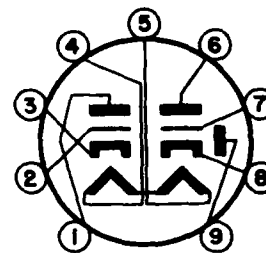
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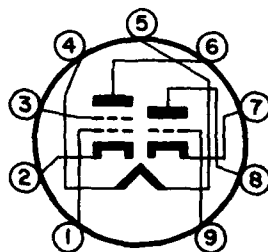
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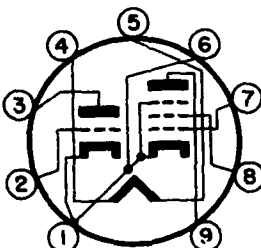
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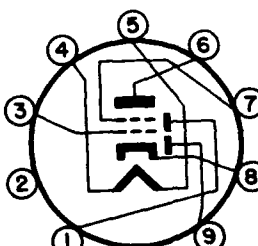
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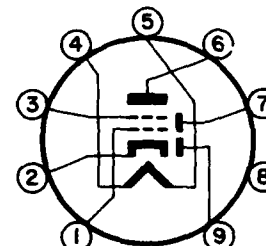
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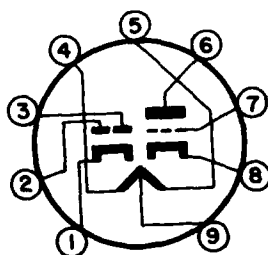
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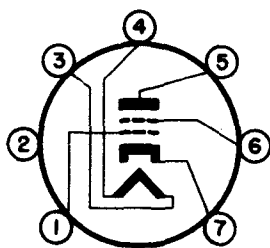


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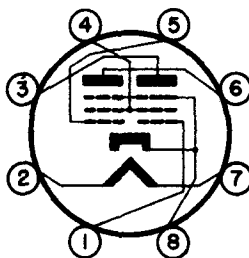


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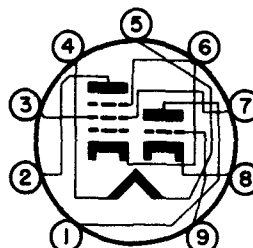
SUPPLEMENTAL BASING DIAGRAMS



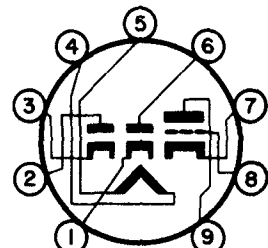
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8JP



9JT



9KR

THE NATIONAL BUREAU OF STANDARDS

The scope of activities of the National Bureau of Standards at its headquarters in Washington, D.C., and its major laboratories in Boulder, Colorado, is suggested in the following listing of the divisions and sections engaged in technical work. In general, each section carries out specialized research, development, and engineering in the field indicated by its title. A brief description of the activities, and of the resultant publications, appears on page 11.

WASHINGTON, D.C.

Electricity and Electronics. Resistance and Reactance. Electron Devices. Electrical Instruments. Magnetic Measurements. Dielectrics. Engineering Electronics. Electronic Instrumentation. Electrochemistry. **Optics and Metrology.** Photometry and Colorimetry. Optical Instruments. Photographic Technology. Length. Engineering Metrology.

Heat. Temperature Physics. Thermodynamics. Cryogenic Physics. Rheology. Engine Fuels. Free Radicals Research.

Atomic and Radiation Physics. Spectroscopy. Radiometry. Mass Spectrometry. Solid State Physics. Electron Physics. Atomic Physics. Neutron Physics. Radiation Theory. Radioactivity X-ray. High Energy Radiation. Nucleonic Instrumentation. Radiological Equipment.

Chemistry. Organic Coatings. Surface Chemistry. Organic Chemistry. Analytical Chemistry. Inorganic Chemistry. Electro-deposition. Molecular Structure and Properties of Gases. Physical Chemistry. Thermochemistry. Spectrochemistry. Pure Substances.

Mechanics. Sound. Mechanical Instruments. Fluid Mechanics. Engineering Mechanics. Mass and Scale. Capacity, Density, and Fluid Meters. Combustion Controls.

Organic and Fibrous Materials. Rubber. Textiles. Paper. Leather. Testing and Specifications. Polymer Structure. Plastics. Dental Research.

Metallurgy. Thermal Metallurgy. Chemical Metallurgy. Mechanical Metallurgy. Corrosion. Metal Physics.

Mineral Products. Engineering Ceramics. Glass. Refractories. Enameled Metals. Concreting Materials. Constitution and Microstructure.

Building Technology. Structural Engineering. Fire Protection. Air Conditioning, Heating, and Refrigeration. Floor, Roof, and Wall Coverings. Codes and Safety Standards. Heat Transfer.

Applied Mathematics. Numerical Analysis. Computation. Statistical Engineering. Mathematical Physics.

Data Processing Systems. SEAC Engineering Group. Components and Techniques. Digital Circuitry. Digital Systems. Analog Systems. Applications Engineering.

• Office of Basic Instrumentation.

• Office of Weights and Measures

BOULDER, COLORADO

Cryogenic Engineering. Cryogenic Equipment. Cryogenic Processes. Properties of Materials. Gas Liquefaction.

Radio Propagation Physics. Upper Atmosphere Research. Ionosphere Research. Regular Prediction Services. Sun-Earth Relationships. VHF Research. Radio Warning Services. Airglow and Aurora. Radio Astronomy and Arctic Propagation.

Radio Propagation Engineering. Data Reduction Instrumentation. Radio Noise. Tropospheric Measurements. Tropospheric Analysis. Propagation-Terrain Effects. Radio-Meteorology. Lower Atmosphere Physics.

Radio Standards. High Frequency Electrical Standards. Radio Broadcast Service. Radio and Microwave Materials. Electronic Calibration Center. Microwave Circuit Standards.

Radio Communication and Systems. Low Frequency and Very Low Frequency Research. High Frequency and Very High Frequency Research. Modulation Research. Antenna Systems. Navigation Systems. Systems Analysis. Field Operations.