

# RCA RADIO TUBE CHART

TYPE	NAME	BASE	SOCKET CONNECTIONS	DIMENSIONS OVERALL LENGTH x DIAMETER	CATHODE TYPE #	RATING			USE	PLATE SUPPLY VOLTS	GRID VOLTS	SCREEN VOLTS	SCREEN MILLI-AMP.	PLATE MILLI-AMP.	A-C PLATE RESISTANCE OHMS	MUTUAL CONDUCTANCE MICROS	VOLT-AGE AMPLIFICATION FACTOR	LOAD FOR OUTPUT POWER OHMS	POWER OUTPUT WATTS	TYPE
						FILAMENT OR HEATER	PLATE	SCREEN												
						Volts	Amperes	Max. Volts	Values to right give operating conditions and characteristics for indicated typical use											
1A6	PENTAGRID CONVERTER #	SMALL 6-PIN	FIG. 26	4 1/2" x 1 1/8"	D-C FILAMENT	2.0	0.06	180	67.5	—	—	—	—	—	—	—	—	—	—	1A6
1B5-255	DUPLEX-DIODE TRIODE	SMALL 6-PIN	FIG. 28	4 1/2" x 1 1/8"	D-C FILAMENT	2.0	0.06	125	—	—	—	—	—	—	—	—	—	—	—	1B5-255
1C6	PENTAGRID CONVERTER #	SMALL 6-PIN	FIG. 28	4 1/2" x 1 1/8"	D-C FILAMENT	2.0	0.12	180	87.5	—	—	—	—	—	—	—	—	—	—	1C6
2A3	POWER AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	5 1/2" x 2 1/8"	FILAMENT	2.5	2.5	300	—	—	—	—	—	—	—	—	—	—	—	2A3
2A5	POWER AMPLIFIER PENTODE	MEDIUM 5-PIN	FIG. 15A	4 1/2" x 1 1/2"	HEATER	2.5	1.75	250	250	—	—	—	—	—	—	—	—	—	—	2A5
2A6	DUPLEX-DIODE HIGH-MU TRIODE	SMALL 6-PIN	FIG. 12	4 1/2" x 1 1/8"	HEATER	2.5	0.8	250	—	—	—	—	—	—	—	—	—	—	—	2A6
2A7	PENTAGRID CONVERTER #	SMALL 6-PIN	FIG. 20	4 1/2" x 1 1/8"	HEATER	2.5	0.8	250	100	—	—	—	—	—	—	—	—	—	—	2A7
2B7	DUPLEX-DIODE PENTODE	SMALL 7-PIN	FIG. 21	4 1/2" x 1 1/8"	HEATER	2.5	0.8	250	125	—	—	—	—	—	—	—	—	—	—	2B7
2A4 after 2A	POWER AMPLIFIER PENTODE	MEDIUM 5-PIN	FIG. 6	4 1/2" x 1 1/2"	FILAMENT	6.3	0.3	180	180	—	—	—	—	—	—	—	—	—	—	2A4 after 2A
6A7	PENTAGRID CONVERTER #	SMALL 7-PIN	FIG. 20	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	100	—	—	—	—	—	—	—	—	—	—	6A7
6B7	DUPLEX-DIODE PENTODE	SMALL 7-PIN	FIG. 21	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	125	—	—	—	—	—	—	—	—	—	—	6B7
6C6	TRIPLE-GRID DETECTOR AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	100	—	—	—	—	—	—	—	—	—	—	6C6
6D6	TRIPLE-GRID SUPER-CONTROL AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	100	—	—	—	—	—	—	—	—	—	—	6D6
6E5	ELECTRON-RAY TUBE	SMALL 6-PIN	FIG. 29	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	6E5
<p>*Grids #3 and #5 are screen. Grid #4 is signal-input control-grid.</p> <p>†Applied through plate coupling resistor of 200,000 ohms. **For grid of following tube.</p> <p>‡Applied through plate coupling resistor of 250,000 ohms.</p>																				
6F7	TRIODE-PENTODE	SMALL 7-PIN	FIG. 27	4 1/2" x 1 1/8"	HEATER	6.3	0.3	100	—	—	—	—	—	—	—	—	—	—	—	6F7
6D9-A	DETECTOR TRIODE	MEDIUM 4-PIN	FIG. 1	4 1/2" x 1 1/2"	D-C FILAMENT	5.0	0.25	45	—	—	—	—	—	—	—	—	—	—	—	6D9-A
6I1-A	DETECTOR TRIODE	MEDIUM 4-PIN	FIG. 1	4 1/2" x 1 1/2"	D-C FILAMENT	5.0	0.25	135	—	—	—	—	—	—	—	—	—	—	—	6I1-A
10	POWER AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	5 1/2" x 2 1/8"	FILAMENT	7.5	1.25	425	—	—	—	—	—	—	—	—	—	—	—	10
11	DETECTOR TRIODE	WB 4-PIN	FIG. 12	4 1/2" x 1 1/8"	D-C FILAMENT	1.1	0.25	135	—	—	—	—	—	—	—	—	—	—	—	11
12	DETECTOR TRIODE	WB 4-PIN	FIG. 1	4 1/2" x 1 1/8"	D-C FILAMENT	1.1	0.25	135	—	—	—	—	—	—	—	—	—	—	—	12
19	TWIN-TRIODE AMPLIFIER	SMALL 6-PIN	FIG. 25	4 1/2" x 1 1/8"	FILAMENT	2.0	0.26	135	—	—	—	—	—	—	—	—	—	—	—	19
20	POWER AMPLIFIER TRIODE	SMALL 4-PIN	FIG. 1	4 1/2" x 1 1/8"	D-C FILAMENT	3.3	0.132	135	—	—	—	—	—	—	—	—	—	—	—	20
22	R.F. AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 4	5 1/2" x 1 1/2"	D-C FILAMENT	3.0	0.132	135	67.5	—	—	—	—	—	—	—	—	—	—	22
24-A	R.F. AMPLIFIER TRIODE	MEDIUM 5-PIN	FIG. 9	5 1/2" x 1 1/2"	HEATER	2.5	1.75	275	90	—	—	—	—	—	—	—	—	—	—	24-A
26	AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	4 1/2" x 1 1/2"	FILAMENT	1.5	1.05	180	—	—	—	—	—	—	—	—	—	—	—	26
27	DETECTOR & AMPLIFIER TRIODE	MEDIUM 5-PIN	FIG. 6	4 1/2" x 1 1/2"	HEATER	2.5	1.75	275	—	—	—	—	—	—	—	—	—	—	—	27
30	DETECTOR & AMPLIFIER TRIODE	SMALL 4-PIN	FIG. 1	4 1/2" x 1 1/8"	D-C FILAMENT	2.0	0.06	180	—	—	—	—	—	—	—	—	—	—	—	30
<p>*For Grid-leak Detection—plate volts 45, grid return to + filament or to cathode.</p> <p>†Applied through plate coupling resistor of 250,000 ohms or 500-henry choke shunted by 0.25 megohm resistor. *Maximum.</p>																				
31	POWER AMPLIFIER TRIODE	SMALL 4-PIN	FIG. 1	4 1/2" x 1 1/8"	D-C FILAMENT	2.0	0.13	180	—	—	—	—	—	—	—	—	—	—	—	31
32	R.F. AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 4	5 1/2" x 1 1/2"	D-C FILAMENT	2.0	0.06	180	67.5	—	—	—	—	—	—	—	—	—	—	32
33	POWER AMPLIFIER TRIODE	MEDIUM 5-PIN	FIG. 6	4 1/2" x 1 1/2"	D-C FILAMENT	2.0	0.26	180	180	—	—	—	—	—	—	—	—	—	—	33
34	SUPER-CONTROL R.F. AMPLIFIER PENTODE	MEDIUM 4-PIN	FIG. 4A	5 1/2" x 1 1/2"	D-C FILAMENT	2.0	0.06	180	67.5	—	—	—	—	—	—	—	—	—	—	34
35	SUPER-CONTROL R.F. AMPLIFIER TRIODE	MEDIUM 5-PIN	FIG. 9	5 1/2" x 1 1/2"	HEATER	2.5	1.75	275	90	—	—	—	—	—	—	—	—	—	—	35
36	R.F. AMPLIFIER TRIODE	SMALL 5-PIN	FIG. 9	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	90	—	—	—	—	—	—	—	—	—	—	36
37	DETECTOR & AMPLIFIER TRIODE	SMALL 5-PIN	FIG. 8	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	37
38	POWER AMPLIFIER TRIODE	SMALL 5-PIN	FIG. 8A	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	250	—	—	—	—	—	—	—	—	—	—	38
39-44	SUPER-CONTROL R.F. AMPLIFIER TRIODE	SMALL 5-PIN	FIG. 8A	4 1/2" x 1 1/8"	HEATER	6.3	0.3	250	90	—	—	—	—	—	—	—	—	—	—	39-44
<p>*For Grid-leak Detection—plate volts 45, grid return to + filament or to cathode.</p> <p>†Either A, C or D.C. may be used on filament or heater, except as specifically noted. For use of D.C. on A-C filament types, decrease stated grid volts by 1/2 (approx.) of filament voltage.</p> <p>‡Applied through plate coupling resistor of 250,000 ohms or 500-henry choke shunted by 0.25 megohm resistor.</p> <p>§Applied through plate coupling resistor of 100,000 ohms. *Maximum.</p>																				
40	VOLTAGE AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	4 1/2" x 1 1/2"	D-C FILAMENT	5.0	0.25	180	—	—	—	—	—	—	—	—	—	—	—	40
41	POWER AMPLIFIER PENTODE	SMALL 6-PIN	FIG. 15A	4 1/2" x 1 1/8"	HEATER	6.3	0.4	250	250	—	—	—	—	—	—	—	—	—	—	41
42	POWER AMPLIFIER TRIODE	MEDIUM 6-PIN	FIG. 15A	4 1/2" x 1 1/2"	HEATER	6.3	0.7	250	250	—	—	—	—	—	—	—	—	—	—	42
43	POWER AMPLIFIER PENTODE	MEDIUM 6-PIN	FIG. 15A	4 1/2" x 1 1/2"	HEATER	25.0	0.3	135	135	—	—	—	—	—	—	—	—	—	—	43
45	POWER AMPLIFIER TRIODE	MEDIUM 6-PIN	FIG. 1	4 1/2" x 1 1/2"	FILAMENT	2.5	1.5	275	—	—	—	—	—	—	—	—	—	—	—	45
46	DUAL-GRID POWER AMPLIFIER	MEDIUM 5-PIN	FIG. 7	5 1/2" x 2 1/8"	FILAMENT	2.5	1.75	400	—	—	—	—	—	—	—	—	—	—	—	46
47	POWER AMPLIFIER PENTODE	MEDIUM 5-PIN	FIG. 8	5 1/2" x 2 1/8"	FILAMENT	2.5	1.75	250	250	—	—	—	—	—	—	—	—	—	—	47
48	POWER AMPLIFIER TRIODE	MEDIUM 6-PIN	FIG. 15	5 1/2" x 2 1/8"	D-C FILAMENT	30.0	0.4	125	100	—	—	—	—	—	—	—	—	—	—	48
49	DUAL-GRID POWER AMPLIFIER	MEDIUM 6-PIN	FIG. 7	4 1/2" x 1 1/2"	D-C FILAMENT	2.0	0.12	180	—	—	—	—	—	—	—	—	—	—	—	49
50	POWER AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	6 1/2" x 2 1/8"	FILAMENT	7.5	1.25	450	—	—	—	—	—	—	—	—	—	—	—	50
53	TWIN-TRIODE AMPLIFIER	MEDIUM 7-PIN	FIG. 24	4 1/2" x 1 1/2"	HEATER	2.5	2.0	300	—	—	—	—	—	—	—	—	—	—	—	53
55	DUPLEX-DIODE TRIODE	SMALL 6-PIN	FIG. 13	4 1/2" x 1 1/8"	HEATER	2.5	1.0	250	—	—	—	—	—	—	—	—	—	—	—	55
56	SUPER-TRIODE AMPLIFIER DETECTOR	SMALL 6-PIN	FIG. 8	4 1/2" x 1 1/8"	HEATER	2.5	1.0	250	—	—	—	—	—	—	—	—	—	—	—	56
57	TRIPLE-GRID DETECTOR AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/2" x 1 1/8"	HEATER	2.5	1.0	250	100	—	—	—	—	—	—	—	—	—	—	57
<p>*For Grid-leak Detection—plate volts 45, grid return to + filament or to cathode.</p> <p>†Either A, C or D.C. may be used on filament or heater, except as specifically noted. For use of D.C. on A-C filament types, decrease stated grid volts by 1/2 (approx.) of filament voltage.</p> <p>‡Grid next to plate tied to plate. §Two grids tied together. **For grid of following tube.</p> <p>§Applied through plate coupling resistor of 250,000 ohms.</p>																				

TYPE	NAME	BASE	SOCKET CONNECTIONS	DIMENSIONS OVERALL LENGTH DIAMETER	CATHODE TYPE #	RATING			USE Values in right give operating conditions and characteristics for indicated typical use	PLATE SUPPLY VOLTS	GRID VOLTS	SCREEN VOLTS	SCREEN MILLI-AMP.	PLATE MILLI-AMP.	A-C PLATE RESISTANCE OHMS	MUTUAL CONDUCTANCE MICRO-MHOS	VOLT-AGE AMPLIFICATION FACTOR	LOAD FOR STATED POWER OUTPUT OHMS	POWER OUTPUT WATTS	TYPE	
						FILAMENT OR HEATER		SCREEN MAX. VOLTS													
						VOLTS	AMPERES														
58	TRIPLE-GRID SUPER-CONTROL AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/8" x 1 1/8"	HEATER	2.5	1.0	250	100	100	2.0	8.2	800000	1600	1280	—	—	—	—	58	
59	TRIPLE-GRID POWER AMPLIFIER	MEDIUM 7-PIN	FIG. 18	5 1/2" x 2 1/2"	HEATER	2.5	2.0	250	250	250	25.0	25.0	25.0	40000	2500	100	6000	3.00	4600	15.0	59
71-A	POWER AMPLIFIER TRIODE	MEDIUM 6-PIN	FIG. 1	4 1/8" x 1 1/8"	FILAMENT	5.0	0.25	180	—	—	—	—	—	—	—	—	—	—	—	71-A	
75	DUPLEX-DIODE TRIODE	SMALL 6-PIN	FIG. 13	4 1/8" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	75	
76	SUPER-TRIODE AMPLIFIER DETECTOR*	SMALL 5-PIN	FIG. 8	4 1/8" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	76	
77	TRIPLE-GRID DETECTOR AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/8" x 1 1/8"	HEATER	6.3	0.3	250	100	—	—	—	—	—	—	—	—	—	—	77	
78	TRIPLE-GRID SUPER-CONTROL AMPLIFIER	SMALL 6-PIN	FIG. 11	4 1/8" x 1 1/8"	HEATER	6.3	0.3	250	125	—	—	—	—	—	—	—	—	—	—	78	
79	TWIN-TRIODE AMPLIFIER	SMALL 6-PIN	FIG. 18	4 1/8" x 1 1/8"	HEATER	6.3	0.6	250	—	—	—	—	—	—	—	—	—	—	—	79	
85	DUPLEX-DIODE TRIODE	SMALL 6-PIN	FIG. 13	4 1/8" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	85	
89	TRIPLE-GRID POWER AMPLIFIER	SMALL 6-PIN	FIG. 14	4 1/8" x 1 1/8"	HEATER	6.3	0.4	250	250	—	—	—	—	—	—	—	—	—	—	89	
V-99 X-99	DETECTOR & AMPLIFIER TRIODE	SMALL 4-NUB SMALL 4-PIN	FIG. 10	3 1/2" x 1 1/8"	D-C FILAMENT	3.3	0.063	90	—	—	—	—	—	—	—	—	—	—	—	V-99 X-99	
112-A	DETECTOR & AMPLIFIER TRIODE	MEDIUM 4-PIN	FIG. 1	4 1/8" x 1 1/8"	D-C FILAMENT	5.0	0.25	180	—	—	—	—	—	—	—	—	—	—	—	112-A	

\* For Grid-leak Detection—plate volts 45, grid return to + filament or to cathode.  
 \* Either A, C, or D, C, may be used on filament by heater, except as specifically noted. For use of D, C. on A, C filament types, decrease stated grid volts by 1/2 (approx.) of filament voltage.  
 \* Requires different socket from small 7-pin.  
 \* Grid # 1 is control grid. Grid # 2 is screen. Grid # 3 tied to cathode.  
 \* Grid # 1 is control grid. Grids # 2 and # 3 tied to plate. \* Applied through plate coupling resistor of 250000 ohms.  
 \* Grid # 1 and # 2 connected together. Grid # 3 tied to plate. \* For grid of following tube.

### RECTIFIERS

TYPE	NAME	BASE	SOCKET CONNECTIONS	DIMENSIONS OVERALL LENGTH DIAMETER	CATHODE TYPE #	FILAMENT OR HEATER	PLATE	SCREEN	USE	PLATE SUPPLY VOLTS	GRID VOLTS	SCREEN VOLTS	SCREEN MILLI-AMP.	PLATE MILLI-AMP.	A-C PLATE RESISTANCE OHMS	MUTUAL CONDUCTANCE MICRO-MHOS	VOLT-AGE AMPLIFICATION FACTOR	LOAD FOR STATED POWER OUTPUT OHMS	POWER OUTPUT WATTS	TYPE
523	FULL-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 2	5 1/2" x 2 1/8"	FILAMENT	5.0	3.0	—	Maximum A-C Voltage per Plate..... 500 Volts, RMS Maximum D-C Output Current..... 250 Milliamperes	250	—	—	—	—	—	—	—	—	—	523
1223	HALF-WAVE RECTIFIER	SMALL 4-PIN	FIG. 22	4 1/8" x 1 1/8"	HEATER	12.6	0.3	—	Maximum A-C Plate Voltage..... 250 Volts, RMS Maximum D-C Output Current..... 60 Milliamperes	250	—	—	—	—	—	—	—	—	—	1223
2325	RECTIFIER-DOUBLER	SMALL 6-PIN	FIG. 9	4 1/8" x 1 1/8"	HEATER	25.0	0.3	—	Maximum A-C Voltage per Plate..... 125 Volts, RMS Maximum D-C Output Current..... 100 Milliamperes	250	—	—	—	—	—	—	—	—	—	2325
1-V*	HALF-WAVE RECTIFIER	SMALL 4-PIN	FIG. 22	4 1/8" x 1 1/8"	HEATER	6.3	0.3	—	Maximum A-C Plate Voltage..... 250 Volts, RMS Maximum D-C Output Current..... 50 Milliamperes	250	—	—	—	—	—	—	—	—	—	1-V*
80	FULL-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 2	4 1/8" x 1 1/8"	FILAMENT	5.0	2.0	—	A-C Voltage per Plate (Volts RMS)..... 500 Maximum D-C Output Current (Maximum MA) 125 110 135 * The 550 volt rating applies to filter circuits having an input choke of at least 2 henries.	250	—	—	—	—	—	—	—	—	—	80
81	HALF-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 3	6 1/8" x 2 1/8"	FILAMENT	7.5	1.25	—	Maximum A-C Plate Voltage..... 700 Volts, RMS Maximum D-C Output Current..... 85 Milliamperes	250	—	—	—	—	—	—	—	—	—	81
82	FULL-WAVE RECTIFIER*	MEDIUM 4-PIN	FIG. 2	4 1/8" x 1 1/8"	FILAMENT	2.5	3.0	—	Maximum A-C Voltage per Plate..... 500 Volts, RMS Maximum D-C Output Current..... 125 Milliamperes Maximum Peak Inverse Voltage..... 1400 Volts Maximum Peak Plate Current..... 400 Milliamperes	250	—	—	—	—	—	—	—	—	—	82
83	FULL-WAVE RECTIFIER	MEDIUM 4-PIN	FIG. 2	5 1/2" x 2 1/8"	FILAMENT	5.0	3.0	—	Maximum A-C Voltage per Plate..... 500 Volts, RMS Maximum D-C Output Current..... 250 Milliamperes Maximum Peak Inverse Voltage..... 1400 Volts Maximum Peak Plate Current..... 800 Milliamperes	250	—	—	—	—	—	—	—	—	—	83
84 also 82*	FULL-WAVE RECTIFIER	SMALL 5-PIN	FIG. 23	3 1/2" x 1 1/8"	HEATER	6.3	0.5	—	Maximum A-C Voltage per Plate..... 350 Volts, RMS Maximum D-C Output Current..... 50 Milliamperes	250	—	—	—	—	—	—	—	—	—	84 also 82*

\* Mercury Vapor Type. \* Interchangeable with Type 1.

### RCA ALL-METAL RADIO TUBE CHARACTERISTICS CHART

TYPE	NAME	BASE	SOCKET CONNECTIONS	DIMENSIONS OVERALL LENGTH DIAMETER	CATHODE TYPE #	RATING			USE Values in right give operating conditions and characteristics for indicated typical use	PLATE SUPPLY VOLTS	GRID VOLTS	SCREEN VOLTS	SCREEN MILLI-AMP.	PLATE MILLI-AMP.	A-C PLATE RESISTANCE OHMS	MUTUAL CONDUCTANCE MICRO-MHOS	VOLT-AGE AMPLIFICATION FACTOR	LOAD FOR STATED POWER OUTPUT OHMS	POWER OUTPUT WATTS	TYPE	
						FILAMENT OR HEATER		SCREEN MAX. VOLTS													
						VOLTS	AMPERES														
6A8	PENTAGRID CONVERTER*	SMALL OCTAL 8-PIN	FIG. 8A	3 1/2" x 1 1/8"	HEATER	6.3	0.3	250	100	CONVERTER	250	-3.0	100	3.2	3.3	—	—	—	—	—	6A8
6C5	DETECTOR & AMPLIFIER TRIODE	SMALL OCTAL 8-PIN	FIG. 60	2 3/8" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	6C5	
6F5	HIGH-MU TRIODE POWER CONSUMER PENTODE	SMALL OCTAL 8-PIN	FIG. 5M	3 1/2" x 1 1/8"	HEATER	6.3	0.3	250	—	—	—	—	—	—	—	—	—	—	—	6F5	
6F6	TRIPLE-GRID DETECTOR AMPLIFIER	SMALL OCTAL 7-PIN	FIG. 7S	3 1/2" x 1 1/8"	HEATER	6.3	0.7	315	315	—	—	—	—	—	—	—	—	—	—	6F6	
6J7	TRIPLE-GRID SUPER-CONTROL AMPLIFIER	SMALL OCTAL 7-PIN	FIG. 7R	3 1/2" x 1 1/8"	HEATER	6.3	0.3	250	125	—	—	—	—	—	—	—	—	—	—	6J7	
6K7	PENTAGRID MIXER & AMPLIFIER	SMALL OCTAL 7-PIN	FIG. 7R	3 1/2" x 1 1/8"	HEATER	6.3	0.3	250	125	—	—	—	—	—	—	—	—	—	—	6K7	
6L7	PENTAGRID MIXER & AMPLIFIER	SMALL OCTAL 7-PIN	FIG. 7T	3 1/2" x 1 1/8"	HEATER	6.3	0.3	250	150	—	—	—	—	—	—	—	—	—	—	6L7	

\* Grids # 3 and # 5 are screen. Grid # 4 is signal-input control grid.  
 \* For Grid-leak Detection—plate volts 45-150.  
 \* Grids # 2 and # 4 are screen. Grid # 1 is signal-input control grid.  
 \* Grid # 3 connected to grid # 1.  
 \* Applied through 20000 ohm voltage-dropping resistor.  
 \* For grid of following tube.  
 \* Either A, C, or D, C, may be used on heater.

