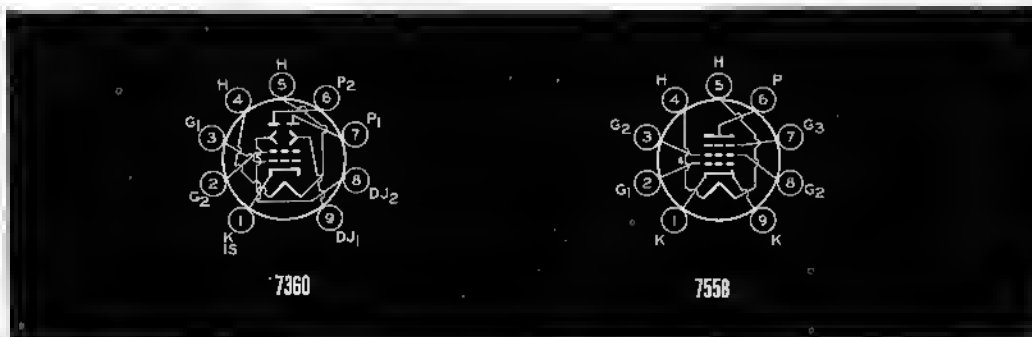


 Type	Description
7360	Beam-Deflection Tube. For use in modulator, demodulator, and frequency-converter applications in single- and double-side band suppressed-carrier communications equipment operating at frequencies up to 100 Mc. 9-pin miniature type.
7558	Beam Power Tube. For use as class C rf amplifier, oscillator or frequency multiplier at frequencies up to 175 Mc. 9-pin miniature type.



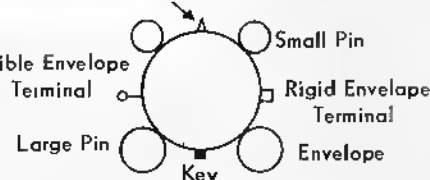
LEGEND FOR BASE AND ENVELOPE CONNECTION DIAGRAMS

Diagrams show terminals viewed from base or filament end of tube.

Alphabetical subscripts B, D, P, T, and TR, indicate, respectively, beam unit, diode unit, pentode unit, triode unit, and tetrode unit in multi-unit types.

F = Filament	IC = Internal Connection— Do Not Use.	NC = No Connection
FM = Filament Mid-Tap	IS = Internal Shield	P = Plate (Anode)
G = Grid	K = Cathode	S = Shell
H = Heater	• = Gas-Type Tube	TA = Target
HM = Heater Tap		TC = Thermocouple

Orientation Symbol Other than Key



In addition to the electron devices covered in this booklet, the
ELECTRON TUBE DIVISION of the RADIO CORPORATION OF AMERICA offers the following:

RECEIVING TUBES FOR ENTERTAINMENT USE

Rectifiers, Diode Detectors, Converters, Voltage and Power Amplifiers, Oscillators, Mixers, and TV Picture Tubes.

PHOTOSENSITIVE DEVICES AND CATHODE-RAY TUBES

Phototubes, Photocells, Camera Tubes, Image-Converter Tubes, Storage Tubes, Cathode-Ray Tubes, Monoscopes.

MICROWAVE TUBES

Magnetrons and Traveling-Wave Tubes.

TEST AND MEASURING EQUIPMENT

For AM, FM, and TV Servicing as well as for Laboratories and Industrial Use.

SEMICONDUCTOR DEVICES

Transistors and Silicon Rectifiers.

RECEIVING-TYPE INDUSTRIAL TUBES

Nuvistor Tubes, Special Red Tubes, Premium Tubes, Pencil-Type Tubes, Computer Tubes, Glow-Discharge Tubes, Small Thyatron Tubes, Vacuum-Gauge Tubes, and Other Special Types.

DRY BATTERIES

For Electron-Tube and Transistor Radios, Flashlights, and Industrial Applications.

AUDIO DEVICES AND TV ACCESSORIES

Magnetic-Recording Sound Tape and Accessories, TV-Set Couplers, and Lightning Arrestors.

RCA VICTOR SERVICE PARTS

For RCA Phonographs, Radios, and TV Receivers.

For technical information on any of these items, see your RCA Tube Distributor, or write to Commercial Engineering, RCA, Harrison, New Jersey.

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MISCELLANEOUS TYPES—Cont'd

Cathode		Maximum Dimensions Inches		Class of Service	Maximum Ratings			Operating Conditions and Characteristics										 Type
					Plate Volts	Plate Dissipation Watts	Grid-No. 2 Input Watts	Plate Supply Volts	Grid-No. 1 Volts(v) or Cathode Resistance Ohms	Grid-No. 2 Supply Volts	Grid-No. 2 Current Ma.	Plate Current Ma.	AC Plate Resistance Ohms	Trans-conductance Micro-mhos	Amplification Factor	Power Output Watts		
6.3	0.35	2 3/8	7/8	Balanced Modulator and/or Balanced Mixer	300+	1.5+	0.5	Plate Volts (Each Plate), 150 Peak RF Grid-No. 1 Volts, 10 Deflecting-Electrode Volts (Approx. Each Electrode), 25 Push-Pull Peak-to-Peak Double-Sideband Output Volts (Balanced Modulator), 4 Push-Pull Peak-to-Peak Single-Sideband Output Volts (Balanced Mixer), 40 Plate-to-Plate Load Imped.: Balanced Mixer, 10000 Ohms; Balanced Modulator, 5000 ohms										7360
6.3	0.8	2 5/8	7/8	RF Power Amp. & Osc. Class C Telephony	300	10	2.0	300	-42v	200	3.7	70	—	—	—	8.5	7558	
				Tripler to 175 Mc	300	10	2.0	200	-90v	200	3.0	50	—	—	—	2.3		
				Class AB ₁ Amplifier	300*	10*	2.0*	300♦	-21v♦	250♦	2.0♦	40♦	Load for Stated Power (Plate-to-Plate), 5000 Ohms			20.5		

+ Each plate.

* Each unit.

♦ Values are for 2 tubes.

INDEX TO RCA RECEIVING-TYPE TUBES FOR INDUSTRY AND COMMUNICATIONS

Tube Type	Page	Tube Type	Page	Tube Type	Page	Tube Type	Page	Tube Type	Page	Tube Type	Page
OA2	18	26A6	22	5636	2	5734	28	6074	6 & 18	6669/	
OA2-WA	2	26A7-GT	22	5639	2	5749	4	6074/		6AQ5-A	22
OA3	18	26C6	22	5642	28	5749/		082	6 & 18	6677/6CL6	22
OA4-G	18	26O6	22	5651	2 & 18	68A6-W	4	6080	28	6678/	
O82	18	83	26			5750	4	6080-WA	6	6U8-A	22
O82-WA	2	502-A	14	5651-WA	2	5751	4	6082	22	6679/	
OC2	18	884	14		18	5751-WA	4	6099	6	12AT7	22
OC3	18	885	14	5654	2	5763	28	6101	6	6680/	
OD3	18	954	12	5654/		5814-A	4	6101/		12AV7-A	22
1C21	18	955	12	6AK5-W	2	5814-WA	4	6J6-WA	6		
1L4	26	956	12	5654/		5823	18	6111	6	6681/	
2C40	12	957	12	6AK5-W/		5840	4	6112	6	12AX7	22
2C43	12	958-A	12	6096	2	5876	10	6136	6	6814	16
2D21	14	959	12	5670	2	5876-A	10	6186	6	6861	12
2021-W 2 & 14		991	18	5670-WA	2	5881	28			6887	16
2K26	26	1609	24	5675	10	5893	10	6186/		7044	16
3A4	26	1612	24	5686	2	5896	4	6AG5-WA	6	7054	20
3A5	26	1613	26	5687	28	5899	4	6189/		7055	20
5R4-GY	26	1614	26	5690	8	5902	4	12AU7-WA	6	7056	20
5R4-GY8	26	1619	28	5691	8	5915	16	6197	16	7057	20
6AC7-W	2	1620	24	5692	8	5963	16	6201	6	7058	20
6AG7-Y	26	1621	28	5693	8	5964	16	6205	6	7059	20
6AK6	26	1622	28	5696	14	5965	16	6206	6	7060	20
6A56	26	1626	28	5718	2 & 12	6005	4	6211	16	7061	20
6A57-G	26	1629	28	5719	2			6263	10	7360	30
6AU6-WA	2	1631	28	5725	2	6005/		6264-A	10	7533	10
6F4	12	1632	28	5726	2	6AQ5-W	4	6350	16	7551	20
6J4	12	1635	28	5726/		6005/		6417	28	7552	10
6J4-WA	2	1946	24	6AL5-W	2	6AQ5-W/		6562/		7554	10
6J6-WA	2	1947	24			6095	4	5794-A	10	7558	30
6L4	12	1949	24	5726/		6012	14	6626/	6	7586	8
65J7-Y	26	1950	24	6AL5-W/		6021	4	OA2-WA	18	9001	12
12A6	26	2050	14	6097	4	6026	12			9002	14
12AT7-WA	2	4009	12	5727	4 & 14	6072	6	6660/68A6	22	9003	14
125W7	26	4010	12	5727/	4	6073	6 & 18	6661/68H6	22	9004	14
125X7-GT	26	5618	28	2D21-W	14	6073/		6662/68J6	22	9005	14
125Y7	26					OA2	6 & 18	6663/6AL5	22	9006	14