

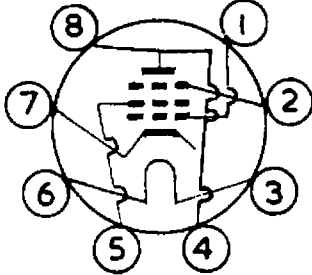
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The 6488 is a subminiature High Slope R.F. Pentode.

PHYSICAL SPECIFICATIONS

Basing	8 FX
Base	8 lead subminiature (B8D)
Bulb	Glass T-3
Maximum bulb length	1½" (38 mm)
Maximum bulb diameter	0.4" (10.16 mm.)
Minimum lead length	1¼" (31.7 mm.)
Mounting position	Any

BASING DIAGRAM -8FX



BASING CONNECTIONS

Lead No. 1	Grid 1
No. 2	Grid 3
No. 3	Heater
No. 4	Plate
No. 5	Grid 2
No. 6	Heater
No. 7	Cathode
No. 8	Plate

GENERAL ELECTRICAL DATA

Heater Voltage	6.3 Volts
Heater Current	0.2 Amps

ELECTRODE CAPACITANCES (Measured with external shield)

Plate to grid	≤0.15 uuF
Input	4.5 uuF
Output	5.0 uuF

MAXIMUM RATINGS (Design Centre Values unless otherwise specified).

Plate voltage (absolute)	190 volts
Plate dissipation	1.5 watt
Grid No. 2 voltage (absolute)	190 volts
Grid No. 2 dissipation	1.0 watt
Total dissipation (absolute)	2.0 watt
Cathode current	14 mamps

CHARACTERISTICS

Plate voltage	100 volts
Grid No. 3 voltage	0 volts
Grid No. 2 voltage	100 volts
Plate current	7.5 mamps
Grid No. 2 current	2.5 mamps
Grid No. 1 voltage	-2.0 volts
Mutual conductance	5,250 micromhos
Anode impedance	250,000 ohms
Amplification factor (ug1-g2)	28
Grid No. 3 voltage (Plate current 0.1 mamp)	max. -60 volts.