

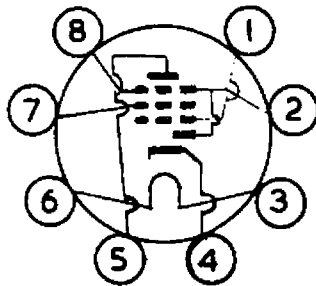
MULLARD LIMITED
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The 6487 is a subminiature R. F. Pentode with a short suppressor grid base and having a diode internally connected to the suppressor.

PHYSICAL SPECIFICATIONS

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

BASING DIAGRAM-8FW



BASING CONNECTIONS

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

GENERAL ELECTRICAL DATA

Heater voltage	6.3 volts
Heater current	0.2 amps

ELECTRODE CAPACITANCES (Measured with external shield)

Plate to grid	≤0.02 uuF
Input	4.5 uuF
Output	4.7 uuF

MAXIMUM RATINGS (Design Centre Values unless otherwise specified)

Plate voltage (absolute)	190 volts
Plate dissipation	0.75 watt
Grid No. 2 voltage (absolute)	190 volts
Grid No. 2 dissipation	0.4 watt
Cathode current	10 mamps

CHARACTERISTICS

Plate voltage	100 volts
Grid No. 3 voltage	0 volts
Grid No. 2 voltage	100 volts
Plate current	3.0 mamps
Grid No. 2 current	2.45 mamps
Grid No. 1 voltage	-2.0 volts
Mutual conductance	2,500 micromhos
Anode impedance	100,000 ohms
Amplification factor (ug1-g2)	30