

TYPE 6391

The 6391 is a subminiature low microphony voltage amplifying pentode.

PHYSICAL SPECIFICATIONS.

Base	Special 8-lead subminiature
Bulb	Glass T-3
Maximum bulb length	1-1/2" (38 mm.)
Maximum bulb diameter	0.4" (10.16 mm.)
Minimum lead length	1-9/32" (32 mm.)
Mounting position	Any

GENERAL ELECTRICAL DATA

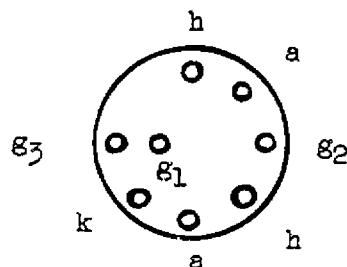
Heater Voltage 6.3 volts
 Heater Current 0.2 amps
 To reduce the possibility of hum the heater should be operated from D.C.

ELECTRODE CAPACITANCES - (Measured with external shield)
 Plate to grid < 0.15 μF
 Input 4 μF
 Output 5 μF

MAXIMUM RATINGS - (Design Centre Values)

Plate voltage 175 volts
 Plate dissipation 1.0 watts
 Grid No. 2 voltage 175 volts
 Grid No. 2 dissipation 0.4 watt
 Cathode current 10 mamps

BASING



SPECIAL 8-LEAD BASE

CHARACTERISTICS

Plate voltage	100 volts
Grid No. 3 voltage	0 volts
Grid No. 2 voltage	100 volts
Plate current	7.0 mamps
Grid No. 2 current	2.2 mamps
Grid No. 1 voltage	-1.4 volts
Mutual conductance	3,000 micromhos
Anode impedance	180,000 ohms

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