

## 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.

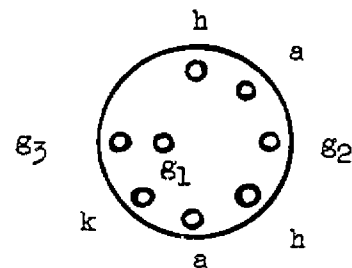
### ELECTRODE CAPACITANCES - (Measured with external shield)

Plate to grid	< 0.15 $\mu\mu\text{F}$
Input	4 $\mu\mu\text{F}$
Output	5 $\mu\mu\text{F}$

### 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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