**TUNG-SOL**

## REMOTE CUT-OFF RF AMPLIFIER PENTODE

### ACORN TYPE

COATED UNIPOTENTIAL CATHODE [A]

HEATER

6.3 VOLTS [C] 0.15 AMPERE

AC OR DC

### RATINGS

RF OR AF AMPLIFIER CLASS $A_1$

| | | |
|---|---|---|
| MAXIMUM PLATE VOLTAGE | 250 | VOLTS |
| MAXIMUM SCREEN (GRID 2) VOLTAGE | 100 | VOLTS |
| MAXIMUM PLATE DISSIPATION | 1.7 | WATTS |
| MAXIMUM SCREEN DISSIPATION | .3 | WATT |

### TYPICAL OPERATION AND CHARACTERISTICS

| | | |
|---|---|---|
| HEATER VOLTAGE | 6.3 | VOLTS |
| HEATER CURRENT | .15 | AMP. |
| PLATE VOLTAGE | 250 | VOLTS |
| SCREEN VOLTAGE (GRID 2) | 100 | VOLTS |
| CONTROL GRID VOLTAGE (GRID 1) [B] | -3 | VOLTS |
| PLATE RESISTANCE (APPROX.) | .70 | MEGOHM |
| TRANSCONDUCTANCE | 1800 | μMHOS |
| GRID VOLTAGE FOR GM = 10 μMHOS | -35 | VOLTS |
| PLATE CURRENT | 5.7 | MA. |
| SCREEN CURRENT | 2.7 | MA. |

SUPPRESSOR CONNECTED TO CATHODE AT SOCKET (GRID 3)

[A] IN CIRCUITS WHERE THE CATHODE IS NOT DIRECTLY CONNECTED TO THE HEATER, THE POTENTIAL DIFFERENCE BETWEEN HEATER AND CATHODE SHOULD BE KEPT AS LOW AS POSSIBLE. IF THE USE OF A LARGE RESISTOR BETWEEN HEATER AND CATHODE IS NECESSARY BECAUSE OF CIRCUIT CONSIDERATIONS, IT IS ESSENTIAL THAT THIS RESISTOR BE BY-PASSED BY A SUITABLE FILTER NETWORK OR OBJECTIONABLE HUM MAY DEVELOP.

[B] THE D-C RESISTANCE IN THE GRID CIRCUIT SHOULD NOT EXCEED 1.0 MEGOHM.

[C] SHOULD NOT DEVIATE MORE THAN ± 10% FROM RATED VALUE.

SEE OTHER SIDE OF PAGE FOR PIN CONNECTIONS AND BULB DIMENSIONS

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PLATE 1355-1
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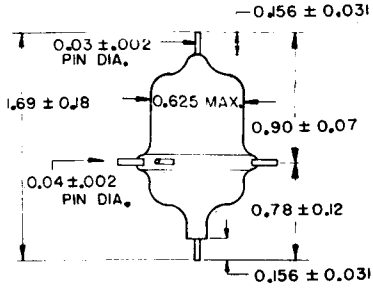
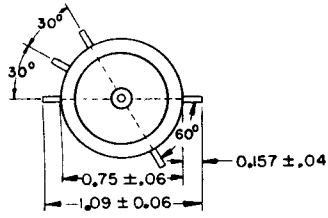
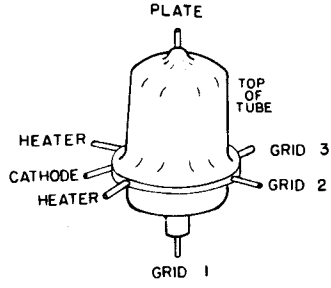



ALL LINEAR DIMENSIONS ARE SPECIFIED IN INCHES

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**PIN CONNECTIONS**

PLATE 1356-1
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