**TUNG-SOL**

## TRIPLE GRID REMOTE CUT-OFF AMPLIFIER

### PHYSICAL SPECIFICATIONS

| | | PIN CONNECTIONS | | | |
|---|---|---|---|---|---|
| EMITTER | UNIPOTENTIAL CATHODE | | | | |
| BASE | LOCKING-IN 8 PIN | PIN 1 | HEATER | PIN 7 | CATHODE |
| CAP | NONE | PIN 2 | PLATE | PIN 8 | HEATER |
| BULB | T-9 | PIN 3 | GRID 2 | | |
| MAXIMUM DIAMETER | 1 3/16" | PIN 4 | GRID 3 | | |
| MAXIMUM OVERALL LENGTH | 2 25/32" | PIN 5 | INT. SHIELD | TOP CAP | NONE |
| MAXIMUM SEATED HEIGHT | 2 1/4" | PIN 6 | GRID 1 | | |

### RATINGS

| | | |
|---|---|---|
| HEATER OR FILAMENT VOLTAGE (AC OR DC) | 12.6 | VOLTS |
| HEATER OR FILAMENT CURRENT | 0.15 | AMPS. |
| MAXIMUM PLATE VOLTAGE | 250 | VOLTS |
| MAXIMUM SCREEN VOLTAGE | 100 | VOLTS |
| MAXIMUM PLATE DISSIPATION | | WATTS |
| MAXIMUM SCREEN DISSIPATION | | WATTS |

### CAPACITANCES [1]

| | | |
|---|---|---|
| CONTROL GRID TO CATHODE | 5.5 | μμf |
| PLATE TO CATHODE | 7.0 | μμf |
| GRID TO PLATE | 0.005 MAX. | μμf |

[1] WITH EXTERNAL SHIELD CONNECTED TO CATHODE

### TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

**CLASS $A_1$ AMPLIFIER**

| | | | |
|---|---|---|---|
| HEATER OR FILAMENT VOLTAGE | 12.6 | 12.6 | VOLTS |
| HEATER OR FILAMENT CURRENT | 0.15 | 0.15 | AMPS. |
| PLATE VOLTAGE | 100 | 250 | VOLTS |
| SCREEN VOLTAGE (GRID 2) | 100 | 100 | VOLTS |
| CONTROL GRID VOLTAGE (GRID 1) | -3 | -3 | VOLTS |
| PEAK AF SIGNAL VOLTAGE | | | VOLTS |
| ZERO-SIGNAL PLATE CURRENT | 8.9 | 9.2 | MA. |
| ZERO-SIGNAL SCREEN CURRENT | 2.6 | 2.4 | MA. |
| MAXIMUM-SIGNAL PLATE CURRENT | | | MA. |
| MAXIMUM-SIGNAL SCREEN CURRENT | | | MA. |
| PLATE RESISTANCE (APPROX.) | 0.25 | 0.8 | MEGOHMS |
| TRANSCONDUCTANCE | 1900 | 2000 | μMHOS |
| AMPLIFICATION FACTOR | | | |
| LOAD RESISTANCE | | | OHMS |
| TOTAL HARMONIC DISTORTION | | | PER CENT |
| POWER OUTPUT | | | WATTS |
| CONTROL GRID VOLTAGE FOR TRANSCONDUCTANCE 10 μMHOS (APPROX.) | | -35 | VOLTS |
| SUPRESSOR GRID VOLTAGE | 0 | 0 | VOLTS |

PLATE 1329-2
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