MECHANICAL DATA

| Bulb          | T-6½     |
| Base          | E9-1, Small Button 9-Pin |
| Cap           | C1-53, Skirted Miniature |
| Outline       | See Drawing |
| Basing        | 9DT      |
| Cathode       | Coated Unipotential |
| Mounting Position | Any   |

ELECTRICAL DATA

HEATER CHARACTERISTICS

| Heater Voltage, AC | 3.15 Volts |
| Heater Current    | 220 mA     |

DIRECT INTERELECTRODE CAPACITANCES (Approx.)

Plate to Heater, Cathode and Internal Shield | 1.0 µF

RATINGS (Design Center Values)

<table>
<thead>
<tr>
<th>Pulsed Rectifier Service¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Inverse Plate Voltage</td>
</tr>
<tr>
<td>Peak Plate Current</td>
</tr>
<tr>
<td>Average Plate Current</td>
</tr>
</tbody>
</table>

NOTES:

1. For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations: Federal Communications Commission", the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

WARNING:

X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.
AVERAGE PLATE CHARACTERISTICS

E_f = RATED VALUE

CURRENT IN MILLIAMPERES

PLATE VOLTAGE
MECHANICAL DATA

Bulb ........................................ T-9
Base ........................................... B6-8, Intermediate Shell Octal, 6-Pin
Top Cap ......................................... C1-1, Small
Outline ......................................... See Drawing
Basing .......................................... 4AC
Cathode ........................................... Coated Unipotential
Mounting Position ......................... Any

ELECTRICAL DATA

HEATER CHARACTERISTICS
Heater Voltage, A.C ........................ 3.15 Volts
Heater Current ................................ 220 Ma

DIRECT INTERELECTRODE CAPACITANCES (Approx.)
Plate to Heater, Cathode and Internal Shield ........... 1.5 μF

RATINGS (Design Center Values)
Pulsed Rectifier Service
Peak Inverse Plate Voltage ................... 30000 Volts Max.
Peak Plate Current ......................... 80 Ma Max.
Average Plate Current ....................... 15 Ma Max.

NOTES:
1. For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations: Federal Communications Commission", the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

WARNING:
X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.
AVERAGE PLATE CHARACTERISTICS

CURRENT IN MILLIAMPERES

PLATE VOLTAGE

E<sub>t</sub>=RATED VALUE