MECHANICAL DATA
Bulb ................................................. T-3
Base .............................................. Subminiature Button, Flexible Leads
Basing ............................................. 8DF
Cathode .......................................... Coated Unipotential
Mounting Position .............................. Any

ELECTRICAL DATA

HEATER CHARACTERISTICS
Heater Voltage .................................... 6.3 Volts
Heater Current .................................... 150 Ma

DIRECT INTERELECTRODE CAPACITANCES

<table>
<thead>
<tr>
<th>Shielded</th>
<th>Unshielded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate to Plate</td>
<td>0.09</td>
</tr>
<tr>
<td>Input (Each Section)</td>
<td></td>
</tr>
<tr>
<td>P to K + H + IS and ES</td>
<td>2.2</td>
</tr>
<tr>
<td>Cathode to H + P + IS and ES (Each Section)</td>
<td>2.8</td>
</tr>
</tbody>
</table>

RATINGS (Design Center Values)
Plate Supply Voltage  
(R.M.S.—Each Plate) ................................ 150 Volts Max.
Peak Inverse Voltage ................................ 420 Volts Max.
Steady State Peak Plate Current  
(Each Plate) ..................................... 24 Ma Max.
DC Output Current (Each Plate) ................. 4 Ma Max.
DC Heater-Cathode Voltage  
±330 Volts Max.
Plate Current for 10 Volts Tube Voltage Drop (Each Plate) ............. 15 Ma

TYPICAL OPERATION (Single Section)
Half Wave Rectifier — Capacitor Input to Filter
Plate Supply Voltage  
(R.M.S.—Each Plate) ................................ 50 Volts
Total Effective Plate Supply Impedance (Each Plate) ................. 400 Ohms Min.
Filter Input Capacitance  
8 µf Min.
DC Output Current (Each Plate) ................. 4 Ma

NOTES:
1. With external shield 0.045" diameter connected to heater.