THE TUNG-SOL 6H6 AND 6H6GT/G ARE DESIGNED FOR USE AS DIODE DETECTORS, AVC RECTIFIERS, AND POWER RECTIFIERS IN LOW DRAIN APPLICATIONS. TWO SEPARATE RECTIFIER SECTIONS ALLOW CONSIDERABLE FLEXIBILITY IN THEIR APPLICATION. WITH THE EXCEPTION OF CAPACITANCES, THEIR ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

RATINGS

MAXIMUM AC PLATE VOLTAGE PER PLATE (RMS)  150 VOLTS
MAXIMUM DC OUTPUT CURRENT PER PLATE  8 MA.
TUBE VOLTAGE DROP AT 16 MA. DC PER PLATE  11 VOLTS

DIRECT INTERELECTRODE CAPACITANCES

<table>
<thead>
<tr>
<th></th>
<th>6H6</th>
<th>6H6GT/G</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLATE (1) TO CATHODE (1)</td>
<td>3.0</td>
<td>3.0 μf</td>
</tr>
<tr>
<td>PLATE (2) TO CATHODE (2)</td>
<td>3.4</td>
<td>4.0 μf</td>
</tr>
<tr>
<td>PLATE TO PLATE</td>
<td>0.1 Max</td>
<td>0.1 Max μf</td>
</tr>
</tbody>
</table>

A WITH EXTERNAL SHIELD OR SHELL CONNECTED TO CATHODE

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

CONTINUED NEXT PAGE
6H6, 6H6GT/G

$E_f = 6.3$ V.

HALF-WAVE RECTIFICATION

SINGLE DIODE

RECTIFIED CURRENT IN MICROAMPERES

DC VOLTS ACROSS DIODE LOAD

RMS SIGNAL VOLTS

Load Resistance

- 50,000 ohms
- 100,000 ohms
- 250,000 ohms
- 500,000 ohms
- 1,000,000 ohms

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