GENERAL

Type 68506 is a Hot Cathode Gas Discharge Half-Wave Rectifier designed for use in low voltage battery charging circuits.

RATING

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filament Voltage (volts)</td>
<td>$V_f$</td>
</tr>
<tr>
<td>Filament Current (amps)</td>
<td>$I_f$</td>
</tr>
<tr>
<td>Striking Voltage (volts)</td>
<td>$V_s$</td>
</tr>
<tr>
<td>Anode to Cathode Voltage drop (volts)</td>
<td>10.0</td>
</tr>
<tr>
<td>D.C. Output</td>
<td>75 volts 6 amps.</td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Overall Length (mm)</td>
<td>170</td>
</tr>
<tr>
<td>Maximum Overall Diameter (mm)</td>
<td>80</td>
</tr>
<tr>
<td>Approximate Nett Weight (ozs)</td>
<td>4.0</td>
</tr>
<tr>
<td>Approximate Home Packed Weight (ozs)</td>
<td>8.0</td>
</tr>
<tr>
<td>Approximate Export Packed Weight (ozs)</td>
<td>12.0</td>
</tr>
</tbody>
</table>

MOUNTING POSITION - Vertical

BASE       G.E.S. - Filament

TOP CAP   Loose lead - Anode.