The Type 6352 is a subminiature double diode with a tungsten filament which is operated under conditions of temperature limited emission. The plate current is dependent on filament voltage.

--- MECHANICAL DATA ---

Style ...................... subminiature
Cathode ................... tungsten filament
Bulb ........................ T-3
Base .................. 88-10, Subminiature Button
                      Flexible Leads
Outline ....................... 3-2
Maximum Diameter ........... 0.400 inch
Maximum Overall Bulb Length.. 1.500 inches
Minimum Lead Length ........ 1.500 inches
Mounting Position:
                          base up or down
                          leads 1 and 6 in
                          a vertical plane

--- ELECTRICAL DATA ---

CHARACTERISTICS(1)                    RATINGS-Absolute Values

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filament Voltage(series)(ac)</td>
<td>3.0 volts</td>
<td>Maximum Filament Voltage</td>
<td>4.0 volts</td>
</tr>
<tr>
<td>Filament Current(series)</td>
<td>360 mA</td>
<td>Voltage(series)(ac)</td>
<td>4.0 volts</td>
</tr>
<tr>
<td>Plate Voltage(dc)</td>
<td>250 volts</td>
<td>Maximum Plate Voltage(dc)</td>
<td>275 volts</td>
</tr>
<tr>
<td>Plate Load Resistor</td>
<td>1 megohm</td>
<td>Maximum Plate Current(1)</td>
<td>1.1 mA</td>
</tr>
<tr>
<td>Plate Current</td>
<td>50 µA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes

(1) Plates connected together at socket.
(2) Filament voltage is adjusted for plate current of 50 microamperes with other parameters as specified.

from RETMA release #1261, Nov. 20, 1953