Sylvania

TENTATIVE

TYPE 1B52

Anti-TR Gas Switching Tube, Fixed Tuned

Ratings and Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency</td>
<td>3625 Mc</td>
</tr>
<tr>
<td>Operating Frequency Range</td>
<td>3540-3710 Mc</td>
</tr>
<tr>
<td>Minimum Transmitter Peak Power</td>
<td>20 kw</td>
</tr>
<tr>
<td>Minimum Voltage Standing Wave Ratio at Center Frequency</td>
<td>21</td>
</tr>
<tr>
<td>Tuning Susceptance (B/YO)</td>
<td>±0.05</td>
</tr>
<tr>
<td>Maximum Equivalent Conductance (G/YO)</td>
<td>0.05</td>
</tr>
<tr>
<td>Maximum Loaded Q (QL)</td>
<td>5.5</td>
</tr>
<tr>
<td>Ambient Temperature Range</td>
<td>-50 to +100° C</td>
</tr>
</tbody>
</table>

PHYSICAL SPECIFICATIONS

Envelope: Metal
Dimensions: As Per Outline
Ionizable Medium: Argon
No. of Electrodes: Two
Mounting Position: Any

from RMA release # 501, June 15, 1946

SYLVANIA ELECTRIC PRODUCTS INC.  May 27, 1946