Waveguide High Power Termination

Part No: VT180WHPL500PC

1.0 Mechanical Specifications

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.1</td>
<td>Waveguide type</td>
</tr>
<tr>
<td>1.2</td>
<td>Flange type</td>
</tr>
<tr>
<td>1.3</td>
<td>Material</td>
</tr>
<tr>
<td>1.4</td>
<td>Inside Finish</td>
</tr>
<tr>
<td>1.5</td>
<td>Outside Finish</td>
</tr>
<tr>
<td>1.6</td>
<td>Temperature range</td>
</tr>
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<thead>
<tr>
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<tbody>
<tr>
<td>WR51</td>
<td>UBR51 (Cover)</td>
</tr>
<tr>
<td>Copper</td>
<td>Silver Plating</td>
</tr>
<tr>
<td>Corrosion protected with black paint</td>
<td>0°C ~ +70°C</td>
</tr>
</tbody>
</table>

2.0 Electrical Specifications

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>2.1</td>
<td>Frequency Range</td>
</tr>
<tr>
<td>2.2</td>
<td>VSWR (Max)</td>
</tr>
<tr>
<td>2.3</td>
<td>Power Handling</td>
</tr>
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<table>
<thead>
<tr>
<th></th>
<th>15-22 GHz</th>
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<tbody>
<tr>
<td>1.25</td>
<td>500 W (CW), 2 kW (Peak)</td>
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3.0 Outline Drawing

![Outline Drawing](image)
Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Revision</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02-Apr-2009</td>
<td>1</td>
<td>First release</td>
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