# SUMMARY TEST DATA
ON
LM-1G18G-16-4W-SMF

Customer:  
SO No:  
Model No: LM-1G18G-16-4W-SMF  
Serial No: PL27466/2002  
Tested By: B. Slack  
Temperature: +25°C  
Date: 1/10/2020  
Drawing No: 27634041  
REV: A1

<table>
<thead>
<tr>
<th>TEST ITEM NO.</th>
<th>PARAMETERS</th>
<th>SPECIFIED VALUE</th>
<th>Test Results</th>
<th>QA QC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Frequency Range:</td>
<td>1.0 to 18.0 GHz</td>
<td>1.0 to 18.0 GHz</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss:</td>
<td>2.3 dB Max. @ -10 dBm Input Power</td>
<td>2.24 dB</td>
<td>See Plot</td>
</tr>
<tr>
<td>3</td>
<td>Leakage Power:</td>
<td>40 mW Max.</td>
<td>Pass</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td>4</td>
<td>Spike Leakage:</td>
<td>0.1 erg. Max.</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Recovery Time:</td>
<td>250 ns Max. @ 1000 W Peak Power</td>
<td>Pass</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td>6</td>
<td>VSWR:</td>
<td>2.0.1 Max. @ -10 dBm Input Power</td>
<td>2:1</td>
<td>See Plot</td>
</tr>
<tr>
<td>7</td>
<td>RF Power Handling:</td>
<td>4 W CW Max.</td>
<td>Pass</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 W Peak Min. (1 μs PW, 0.1% DC)</td>
<td>Pass</td>
<td>See Typical Characteristics</td>
</tr>
<tr>
<td>8</td>
<td>Limiting Threshold:</td>
<td>+5 dBm Min. (1 dB Compression)</td>
<td>+8 dBm</td>
<td>See Plot</td>
</tr>
</tbody>
</table>

QA/QC Approval:  
Date: 1/14/2020

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5010 Fax: (301)662-1731  
Email: sales@pmi-rf.com
SUMMARY TEST DATA ON LM-1G18G-16-4W-SMF

Insertion Loss

Loss (dB)

Frequency (GHz)

VSWR

VSWR

Frequency (GHz)

Limiter Response with Frequency

Output Power (dBm)

Input Power (dBm)

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)562-5019 Fax: (301)652-1731 Email: sales@pmi-rf.com