# SUMMARY TEST DATA ON LM-0518-10-1W-SHS-1-F

Customer: 
SO No: 
Model No: LM-0518-10-1W-SHS-1-F 
Serial No: 13044 
Part No: 

Tested By: John R  
Temperature: +25°C  
Date: 4/16/2021  
Drawing No: 27810986  
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>0.5 GHz to 18 GHz</td>
<td>0.5 GHz to 18 GHz</td>
<td>PMI QA 2</td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss: @ -20 dBm Input</td>
<td>2.0 dB Max. 1.5 dB Typ.</td>
<td>1.78 dB See Plot</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>VSWR: @ -20 dBm Input</td>
<td>2.0:1 Max. 1.5:1 Typ.</td>
<td>1.7:1 See Plot</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Leakage: @ 1 Watt CW Input</td>
<td>+14 dBm Max. +10 dBm Typ.</td>
<td>+13 dBm See Typical Characteristics</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Speed:</td>
<td>10 ns</td>
<td>&lt;10 ns See Typical Characteristics</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Input Power:</td>
<td>1 Watt CW, 100 Watts Peak, 1 μs Pulse, 0.1% Duty Cycle, Derated to 20% @ 125°C</td>
<td>Pass See Typical Characteristics</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Limiting Threshold:</td>
<td>+10 dBm Typ.</td>
<td>6.8 dBm See Plot</td>
<td>PMI QA 2</td>
</tr>
</tbody>
</table>

QA/QC Approval: [Signature]  
Date: 4/16/21

7311-F Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731  
Email: sales@pmi-ff.com
SUMMARY TEST DATA
ON
LM-0518-10-1W-SHS-1-F

Insertion Loss @ -20 dB

VSWR @ -20 dB

Limiter Response with Frequency

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