# SUMMARY TEST DATA

ON

LM-0518-10-1W-SHS-1-F

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**Customer:**

**Tested By:** K. Mansfield

**SO No:**

**Temperature:** +25°C

**Model No:** LM-0518-10-1W-SHS-1-F

**Date:** 2/5/2019

**Serial No:** 2128

**Drawing No:** 27610965

**Part No:**

**REV:** A1

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<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 1</td>
</tr>
<tr>
<td>2</td>
<td>Insertion Loss: @ -20 dBm Input</td>
<td>2.0 dB Max. 1.5 dB Typ.</td>
<td>1.93 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>1.9:1 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>7.7 dBm See Plot</td>
<td>PMI QA 1</td>
</tr>
</tbody>
</table>

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**QA/QC Approval:**

PMI QA 1

**Date:** 2/5/19

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Email: sales@pmi-rf.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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