



**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: PL36284/2216

Tested By: John R.  
Temperature: +25°C  
Date: 4/14/2022  
Drawing No: 27610986 REV: A1

| TEST<br>ITEM NO. | PARAMETERS                         | SPECIFIED VALUE                                                                              | Test Results                           | QA<br>QC    |
|------------------|------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------|-------------|
| 1                | Frequency Range:                   | 0.5 GHz to 18 GHz                                                                            | 0.5 GHz to 18 GHz                      | PMI<br>QA 2 |
| 2                | Insertion Loss:<br>@ -20 dBm Input | 2.0 dB Max.<br>1.5 dB Typ.                                                                   | 1.47 dB<br>See Plot                    |             |
| 3                | VSWR:<br>@ -20 dBm Input           | 2.0:1 Max.<br>1.5:1 Typ.                                                                     | 1.7:1<br>See Plot                      |             |
| 4                | Leakage:<br>@ 1 Watt CW Input      | +14 dBm Max.<br>+10 dBm Typ.                                                                 | +13 dBm<br>See Typical Characteristics |             |
| 5                | Speed:                             | 10 ns                                                                                        | <10 ns<br>See Typical Characteristics  |             |
| 6                | Input Power:                       | 1 Watt CW, 100 Watts<br>Peak, 1 $\mu$ s Pulse, 0.1%<br>Duty Cycle, Derated to<br>20% @ 125°C | Pass<br>See Typical Characteristics    |             |
| 7                | Limiting Threshold:                | +10 dBm Typ.                                                                                 | 9.8 dBm<br>See Plot                    | PMI<br>QA 2 |

QA/QC Approval:

PMI  
QA 2

Date:

4/18/2022



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