



**SUMMARY TEST DATA
ON
LM-0518-10-1W-SHS-1-SMF**

PL27717/2005

Customer: _____ Tested By: B. Willard/ John R.
SO No: _____ Temperature: +25°C
Model No: LM-0518-10-1W-SHS-1-SFM Date: 01/31/2020
Serial No: PL27717/2005 Drawing No: 27636420

| TEST. ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC | |
|---------------|-----------------------------------|---|---|------------|------------|
| 1 | Frequency Range: | 0.5 GHz TO 18GHz | 0.5 GHz TO 18GHz | PMI QA1 | |
| 2 | Insertion Loss @ -20dBm Input: | 2.0 dB Max 1.5 dB Typ | 2.00 dB (See Plot) | | |
| 3 | VSWR @ -20 dBm Input: | 2.0:1 Max 1.5:1 Typ | Input 1.77:1 Output:1.70:1 (See Plot) | | |
| 4 | Leakage @ 1 Watt CW Input: | +14dBm Max +10dBm Typ | Pass (See Typical Characteristics) | | |
| 5 | Speed: | 10ns | Pass (See Typical Characteristics) | | |
| 6 | Input Power: | 1 Watt CW, 100 Watts Peak, 1us Pulse, 0.1% Duty Cycle, Derated to 20% @ 125°C | Pass (See Typical Characteristics) | | |
| 7 | Limiting Threshold: | +10dBm Typ | Pass (See Typical Characteristics) | | PMI QA1 |

QA/QC Approval:  PMI QA1 Date: 2/2/20



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Insertion Loss and Return loss

