



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

PL27718/2005

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: PL27718/2005 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)	

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



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Insertion Loss and Return loss

