



**SUMMARY TEST DATA  
ON  
LM-1G2G-4CW-1KWP-SMF**

PL21232/1724

Customer: \_\_\_\_\_ Tested By: E. Kretz  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: LM-1G2G-4CW-1KWP-SMF Date: 10/25/17  
 Serial No: PL21232/1724 Drawing No: 27629433 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	1.0 GHz To 2.0 GHz	1.0 GHz To 2.0 GHz See Plot	PMI QA 2
2	Insertion Loss	0.7 dB Max	0.67 dB See Plot	
3	Input/Output VSWR	2.0:1 Max @ -10 dBm Input	1.50:1 See Plot	
4	Impedance	50 Ω	Pass	
5	Input Power	4 W CW Min 1 kW Peak (1% Duty Cycle, 1 μs Max Pulse Width)	Pass See Typical Characteristics	
6	Maximum Flat Leakage	16 dBm (40 mW) Max	15.35dBm See Typical Characteristics	
7	Limiting Threshold	5 dBm Min, 1 dB Compression	12dBm Typ. See Typical Characteristics	
8	Recovery Time	1 μs Max	100ns See Typical Characteristics	
9	Weight	1 oz Typ.	0.6 oz	PMI QA 2

1. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

QA/QC Approval:  PMI QA 2 Date: 10/25/17

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### Insertion Loss and Return Loss

