



**SUMMARY TEST DATA  
ON  
LM-30M2G-5CW-1KWP-SFF**

PL23975/1848

Customer: \_\_\_\_\_ Tested By: A Lopez  
 SO No: \_\_\_\_\_ Temperature: +25°C  
 Model No: LM-30M2G-5CW-1KWP-SFF Date: 12/06/18  
 Serial No: PL23975/1848 Drawing No: 27635700 Rev: A1

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range	0.03 GHz To 2.0 GHz	0.03 GHz To 2.0 GHz	PMI QA 1	
2	Insertion Loss	0.7 dB Goal, 1dB Max @ 0 dBm Input	0.68 dB (See Plot)		
3	Input/Output VSWR:	2.0:1 Max @ 0 dBm Input	Input: 1.96:1 Output: 1.74:1 (See Plot)		
4	Impedance:	50 Ω	Pass		
5	Input Power:	5 W CW Min 1 kW Peak (0.1% Duty Cycle, 1 μs Max Pulse Width)	Pass (See Typical Characteristics)		
6	Maximum Flat Leakage:	17 dBm (50 mW) Max	Pass (See Typical Characteristics)		
7	Spike Leakage	1.0 x 10 <sup>-8</sup> kg m <sup>2</sup> /sec <sup>2</sup> Max (0.1 ergs Max)	Pass (See Typical Characteristics)		
8	Limiting Threshold:	7 dBm Min, 1 dB Compression	>7 dBm (See Typical Characteristics)		
9	Recovery Time (3 dB):	1 μs Max @ 1000W Peak Power	Pass (See Typical Characteristics)		
10	Weight:	20g Typ	7.1g		PMI QA 1

1. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

QA/QC Approval:  PMI  
QA 1 Date: 12/6/18



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**(J1-J2) Insertion Loss and Return Loss**

