



SUMMARY TEST DATA ON LM-10M2D5G-100CW-1KWP-SFF

Customer: _____
 SO No: _____
 Model No: LM-10M2D5G-100CW-1KWP-SFF
 Serial No: PL37441/2231

Tested By: Tin M. L
 Temperature: +25°C
 Date: 8/8/2022
 Drawing No: 27624585 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC	
1	Frequency Range:	10 MHz to 2.5 GHz	10 MHz to 2.5 GHz	PMI QA 2	
2	Insertion Loss:	0.8 dB Max.	0.61 dB See Plot		
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	Input 1.17:1 Output 1.13:1 See Plot		
4	Impedance:	50 Ω	Pass		
5	Input Power:	100W CW Maximum 1KW Peak (1% DUTY CYCLE, 1uS Maximum Pulse Width) (Notes 1,2,3,4)	Pass See Typical Characteristics		
6	Flat Leakage:	14 dBm Max. @ 10W CW	Pass See Typical Characteristics		
7	P1dB:	0 dBm Minium	5.9 dBm See Plot		
8	Recovery Time:	2usec Typical	Pass See Typical Characteristics		PMI QA 2

Notes:

1. POWER RATING AT 25°C: DERATED LINEARLY TO ZERO AT 150°C
2. HIGH POWER TEST DURATION: FULL RATED POWER FOR 10 SECONDS
3. HIGH POWER PEAK CONDITIONS: 1KW PEAK (1% DUTY CYCLE, 1USEC MAXIMUM PULSE WIDTH)
4. EXTERNAL DC BLOCKS ARE REQUIRED FOR PROPER FUNCTION.

QA/QC Approval: _____

PMI
QA 2

Date: _____

8/8/2022



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