



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

Customer: _____
 SO No: _____
 Model No: LM-10M2D5G-100CW-1KWP-SFF-ROHS
 Serial No: PL49302/2440

Tested By: John Berrocal
 Temperature: +25°C
 Date: 9/27/2024
 Drawing No: 27647880 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 QA4
2	Insertion Loss:	0.8 dB Max.	0.71 dB See Graph	
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	1.29:1 In 1.2:1 Out See Graph	
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 Min.	5 dBm See Graph	
8	Recovery Time:	2 uS Typ.	Pass See Typical Characteristics	PMI QA4

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: _____

Cameron Kelly

Date: _____

9/30/24

