



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: LM-10M2D5G-100CW-1KWP-SFF-ROHS  
 Serial No: PL49303/2440

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	<i>PMI</i> <i>QA4</i>
2	Insertion Loss:	0.8 dB Max.	0.76 dB See Graph	
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	1.26:1 In 1.25:1 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	

**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

