



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

Customer: Active Electronics, UK
 SO No: 20240017-01-PE
 Model No: LM-10M2D5G-100CW-1KWP-SFF-ROHS
 Serial No: PL45177/2413

Tested By: K Craven
 Temperature: +25°C
 Date: 3/25/2024
 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 QA2	
2	Insertion Loss:	0.8 dB Max.	0.57 dB See Graph		
3	Input/Output VSWR:	1.3:1 Max. @ -10 dBm Input (Notes 1,2)	1.18:1 In 1.15:1 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.	7 dBm See Graph		
8	Recovery Time:	2 uS Typ.	Pass See Typical Characteristics		PMI QA2

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 QA2 Date: 3/28/2024

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