



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

Customer: _____
 SO No: _____
 Model No: LM-10M2D5G-100CW-1KWP-SFF-ROHS
 Serial No: PL45169/2413

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. | 0.67 dB See Graph | | |
| 3 | Input/Output VSWR: | 1.3:1 Max. @ -10 dBm Input (Notes 1,2) | 1.21:1 In 1.14:1 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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