



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

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: LM-10M2D5G-100CW-1KWP-SFF  
Serial No: PL61254/2630

Tested By: K. Wagaman  
Temperature: +25°C  
Date: 7/21/2026  
Drawing No: 27624585

REV: A5

| TEST<br>ITEM NO. | PARAMETERS       | SPECIFIED VALUE                                                                                  | Test Results                        | QA<br>QC   |
|------------------|------------------|--------------------------------------------------------------------------------------------------|-------------------------------------|------------|
| 1                | Frequency Range: | 10 MHz to 2.5 GHz                                                                                | 10 MHz to 2.5 GHz                   | PMI<br>QA6 |
| 2                | Insertion Loss:  | 0.8 dB Max.                                                                                      | 0.55 dB<br>See Graph                |            |
| 3                | VSWR:            | 1.3:1 Max.<br>@ -10 dBm Input<br>(Notes 1,2)                                                     | 1.2:1 In<br>1.14:1 Out<br>See Graph |            |
| 4                | Impedance:       | 50 $\Omega$                                                                                      | Pass                                |            |
| 5                | Input Power:     | 100W CW Maximum<br>1KW Peak (1% DUTY CYCLE, 1 $\mu$ S<br>Maximum Pulse Width)<br>(Notes 1,2,3,4) | Pass<br>See Typical Characteristics |            |
| 6                | Flat Leakage:    | +14 dBm Max.<br>@ 10W CW                                                                         | Pass<br>See Typical Characteristics |            |
| 7                | P1dB:            | 0 dBm Min.                                                                                       | + 6 dBm<br>See Graph                |            |
| 8                | Recovery Time:   | 2 $\mu$ S Typ.                                                                                   | Pass<br>See Typical Characteristics | PMI<br>QA6 |

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:

Anthony Karoly PMI  
QA6

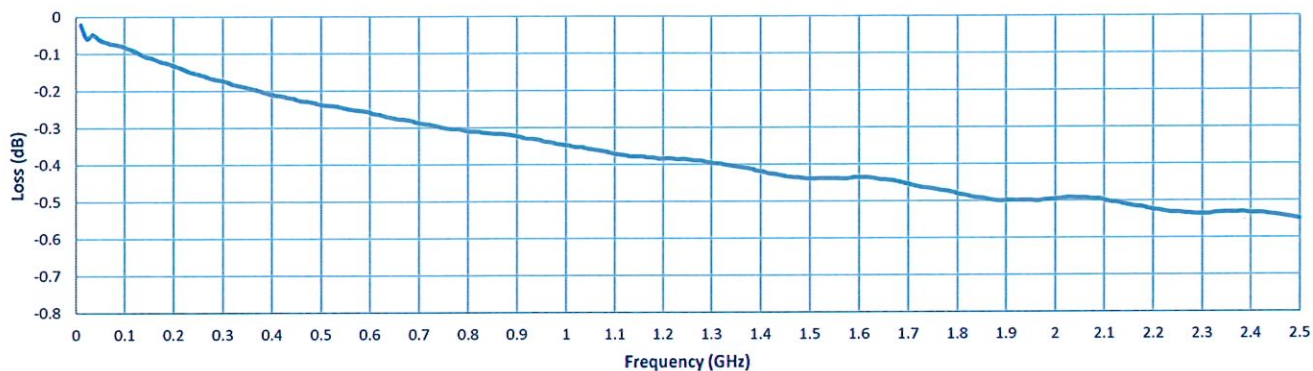
Date:

7/21/26

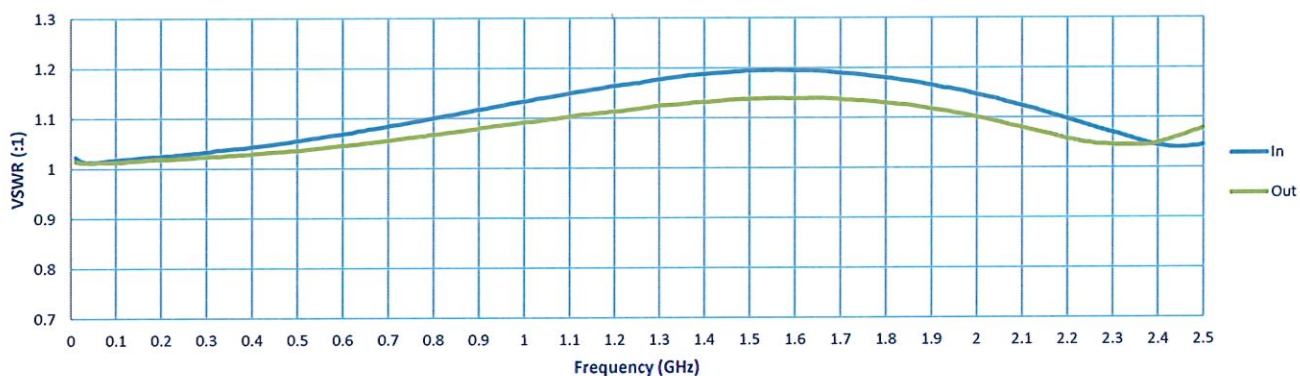
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## Insertion Loss



## VSWR



## Limiter Response with Frequency

