### SUMMARY TEST DATA

**ON**
LM-10M2D5G-100CW-1KWP-SFF

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**Customer:**

**SO No:**

**Model No:** LM-10M2D5G-100CW-1KWP-SFF

**Serial No:** PL17128/1516

**Temperature:** +25°C

**Date:** 04/20/15

**Phone:** (301)662-5019

**Fax:** (301)662-1731

**Email:** sales@pmi-rf.com

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**TEST ITEM NO**

**PARAMETERS**

**SPECIFIED VALUE**

**TEST RESULTS**

**QA QC**

1. **Frequency Range:**
   - 10MHz to 2.5GHz
   - 10MHz to 2.5GHz
   - See Plot

2. **Insertion Loss:**
   - 0.5dB TYPICAL
   - 0.86dB
   - See Plot

3. **Input /Output VSWR:**
   - 1.3:1 MAXIMUM (AT -10dBm INPUT) (NOTES 1, 2)
   - Input 1.26:1
   - Output 1.22:1
   - See Plot

4. **Impedance:**
   - 50Ω
   - Pass

5. **Input Power:**
   - 100 WATTS CW MAXIMUM 1KW PEAK (1% DUTY CYCLE, 1USEC MAXIMUM PULSE WIDTH) (NOTES 1, 2, 3)
   - Pass
   - See Typical Characteristics

6. **Maximum Flat Leakage**
   - 13dBm MAXIMUM AT 10W CW
   - Pass
   - See Typical Characteristics

7. **P1dB:**
   - 0dBmMINIMUM
   - Pass
   - See Graph

8. **Recovery Time:**
   - 2usec TYPICAL
   - 2usec
   - See Typical Characteristics

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**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)

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**QA/QC Approval:** ____________________________ **Date:** __________
SUMMARY TEST DATA
ON
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Insertion Loss & VSWR

[Graph showing Insertion Loss & VSWR]

LIMITER RESPONSE WITH FREQUENCY

[Graph showing Limiter Response with Frequency]

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