

**SUMMARY TEST DATA
ON
LM-812-15-25W-SMM**

Customer: _____
SO No: _____
Model No: LM-812-15-25W-SMM
Serial No: PL55242/2536

Tested By: A. Lopez
Temperature: +25°C
Date: 9/5/2025
Drawing No: 27641320 REV: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	8.0 to 12.0 GHz	8.0 to 12.0 GHz	PMI QA5
2	RF Input Power:	25 Watts CW Max.	Pass See Typical Characteristics	
3	Peak Input Power:	250 W Maximum* @10% Duty Cycle & 40µs Pulse Width	Pass See Typical Characteristics	
4	RF Leakage:	+15 dBm Typ.	Pass See Typical Characteristics	
5	Recovery Time:	100 ns Typ.	Pass See Typical Characteristics	
6	Insertion Loss:	1.8 dB Maximum (@ -20 dBm Input Power)	1.41 dB See Graph	
7	Amplitude Matching Per Set**	0.5 dB Max.	0.16 dB Ref. PL55246/2536	
8	Phase Matching Per Set**	±5° Maximum @ 10 GHz	2.53° Ref. PL55246/2536	
9	VSWR:	1.7:1 Maximum (@ -20 dBm Input Power)	1.52:1 See Graph	PMI QA5

* @ 10 % duty cycle & 40 µs pulse width typical

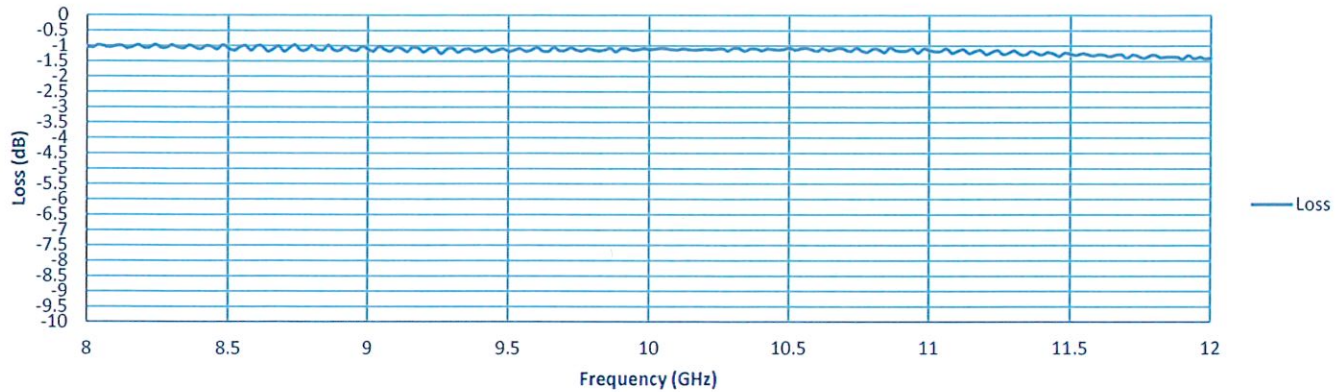
** set defined at time of order per plot

QA/QC Approval: _____

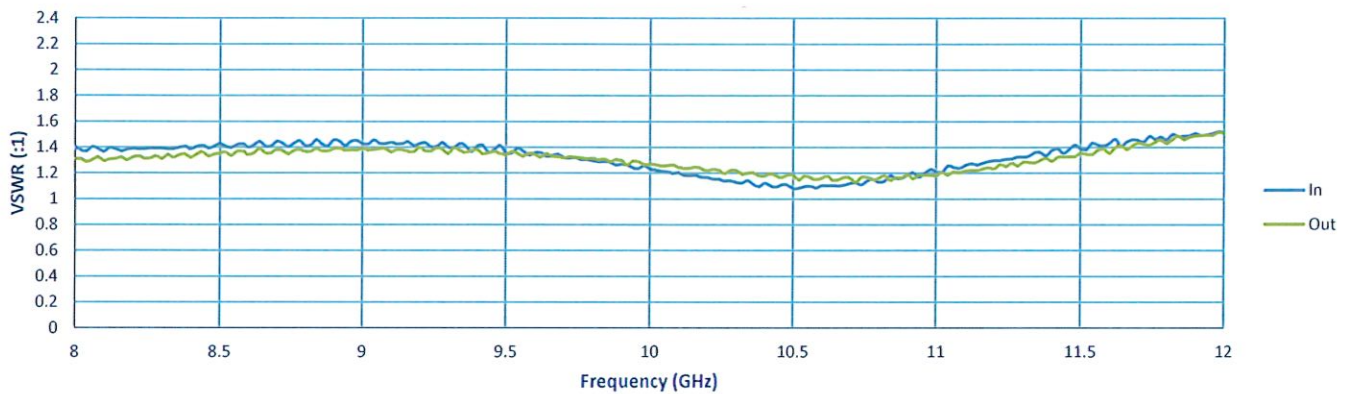
Date: 9/8/25

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Insertion Loss



VSWR



Limiter Response with Frequency

