Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON PDT-8G12G-40-515-SFF

Customer: [illegible]
SO No: [illegible]
Model No: PDT-8G12G-40-515-SFF
Serial No: PL42727/2344

Tested By: K. Wagaman
Temperature: +25° C, -54° C
Date: 1/15/2025
Drawing No: 27630580 Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS +25° C	TEST RESULTS -54° C	QA QC
1	Frequency Range:	8 GHz to 12 GHz	8 GHz to 12 GHz		PMI QA2
2	Insertion Loss:	2 dB Max., 8-10 GHz 2.3 dB Max., 10-12 GHz	1.67 dB 1.87 dB See Graph	1.6 dB 1.81 dB See Graph	
3	Isolation:	40 dB Min.	49.9 dB See Graph	50.7 dB See Graph	
4	VSWR:	1.8:1 Typ.	1.38:1 In 1.54:1 Out See Graph	1.4:1 In 1.58:1 Out See Graph	
5	Switching Speed:	200 ns Max.	Pass See Typical Characteristics	Pass See Typical Characteristics	
6	Input Power	40 dBm CW Avg.	Pass See Typical Characteristics	Pass See Typical Characteristics	
7	Operating Peak Power:	57 dBm Max 1 µs Pulse Width, 1% Duty Cycle.	Pass See Typical Characteristics	Pass See Typical Characteristics	
8	DC Supply:	+5 V @ 100 mA Max.. -15 V @ 100 mA Max.	+5V @ 26 mA -15 V @ 0 mA	+5 V @ 25 mA -15 V @ 0 mA	
9	Control:	Logic Table CTL1 / Function 1 / J0-J1 0 / J0-J2	Pass		PMI QA2

QA/QC Approval: [signature] PMI QA2 Date: 1/17/2025

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Email: sales@pmi-rf.com

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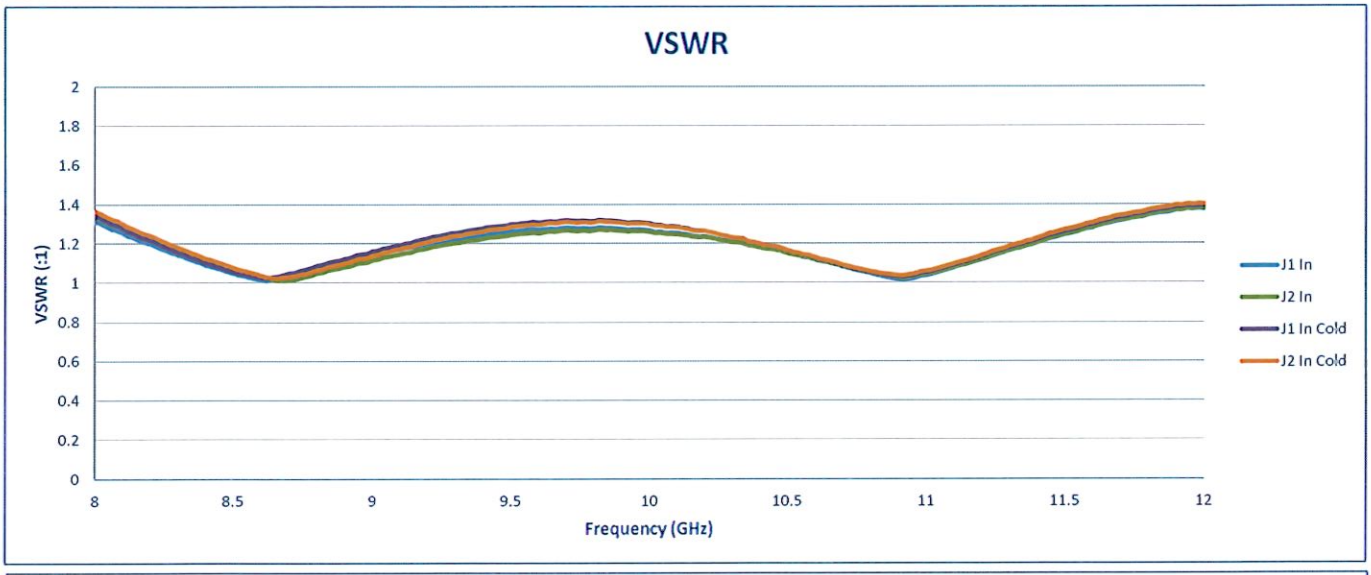

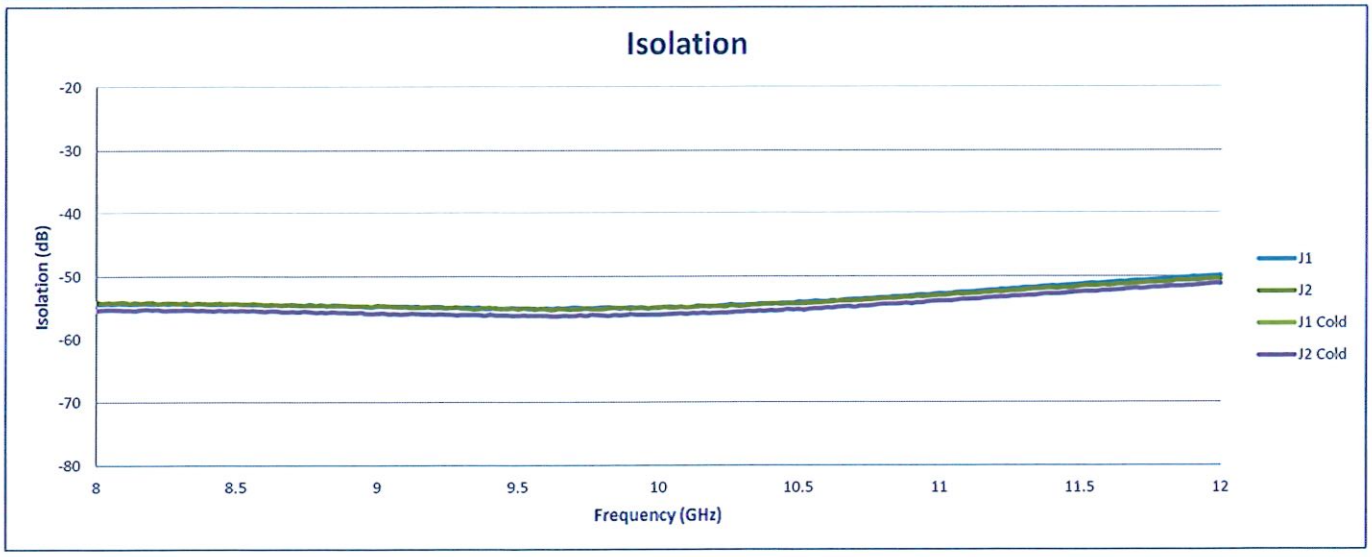

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