Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

Customer: [redacted]
SO No: _____
Model No: P2T-8G18G-50-R-SFFF
Serial No: PL63182/2643

Tested By: OLIVER K
Temperature: +25°C
Date: 10/19/2026
Drawing No: 27634020 **Rev:** A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8.0 GHz to 18.0 GHz	**8.0 GHz to 18.0 GHz**	PMI QA5
2	Insertion Loss:	3.0 dB MAX	**2.89 dB See Plot**	
3	Isolation:	50dB Min	**51 dB Typ. See Plot**	
4	VSWR:	2.0:1 MAX	**In 1.78:1 See Plot**	
5	Switching Speed:	200 ns MAX	**ON: <50 ns OFF: <200 ns See Typical Characteristics**	
6	Operational Input Power:	40 W Max.	**40 Watts (CW) See Typical Characteristics**	
7	Peak Power:	300 W Max.	**300 Watts See Typical Characteristics**	
8	Pulse Width:	10 µs Max.	**10 µs See Typical Characteristics**	
9	Duty Cycle:	13% Max.	**13% See Typical Characteristics**	
10	DC Supply:	+5 VDC TO +15 VDC @ 65 mA MAX -5 VDC TO -15 VDC @ 65 mA MAX	**+5 TO +15 VDC @ 7 mA** **-5 TO -15 VDC @ 19 mA**	
11	Control:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	**TTL "0" → (J1-J2)** **TTL "1" → (J1-J3)**	PMI QA5

QA/QC Approval: [signature] **Date:** 10/19/26

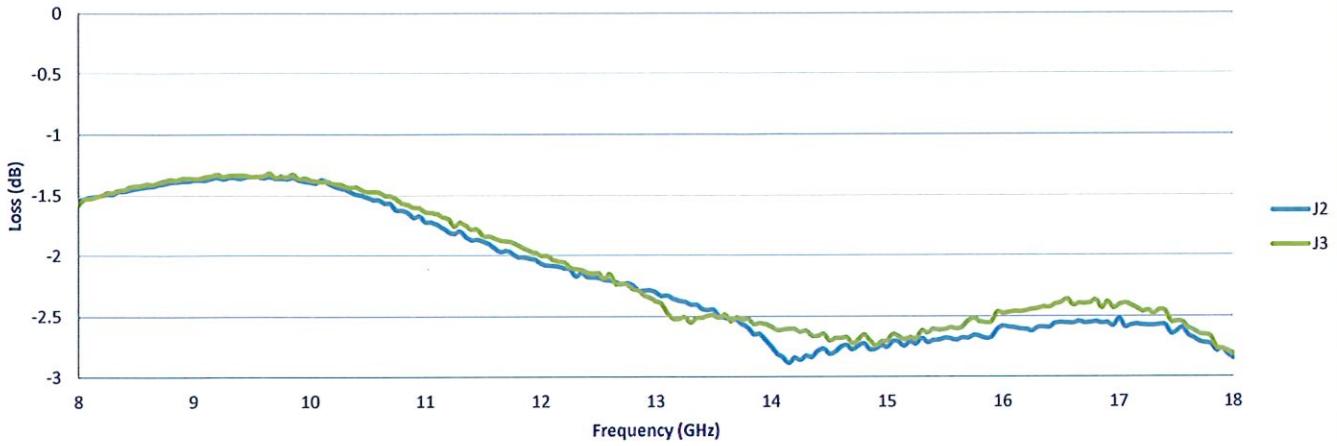
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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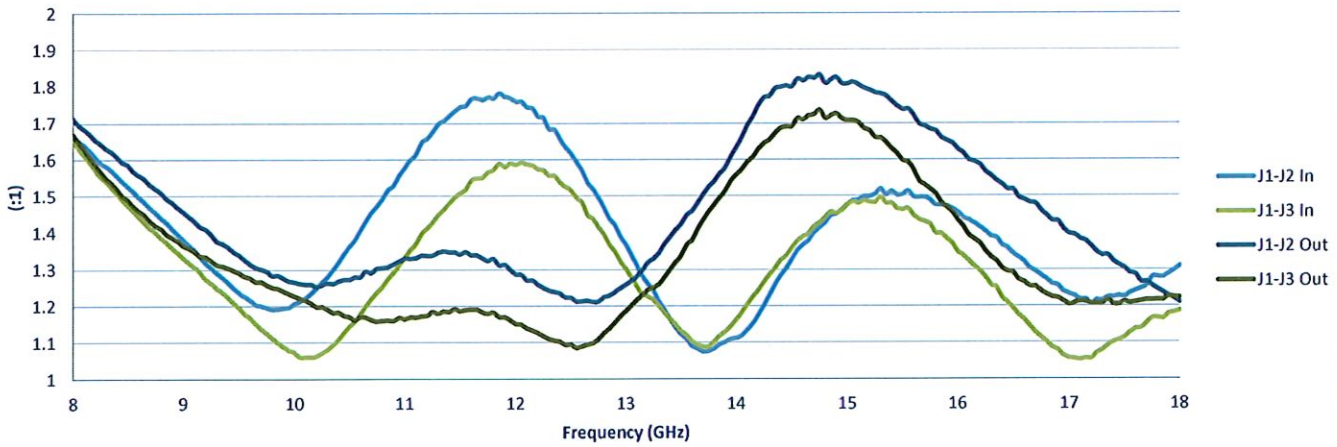
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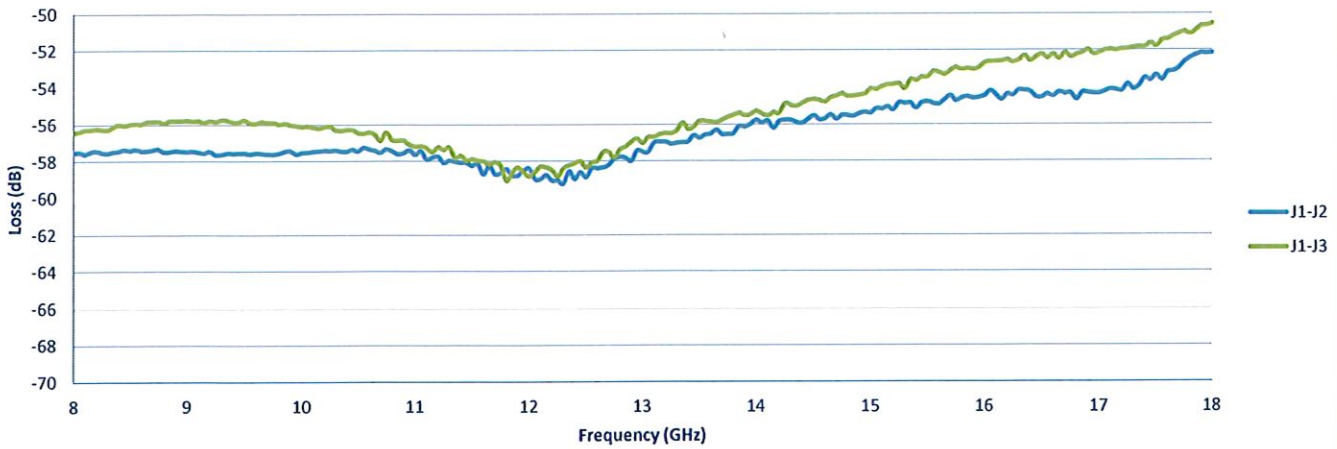
Insertion Loss



VSWR



Isolation



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