Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON P1T-6G12G-80-T-SFF-1W

Customer: [redacted]
SO No: [redacted]
Model No: P1T-6G12G-80-T-SFF-1W
Serial No: PL50120/2446

Tested By: John Berrocal
Temperature: 25°C
Date: 11/14/2024
Drawing No: 27628521 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	6 GHz to 12 GHz	**6 GHz to 12 GHz**	PMI QA4
2	Insertion Loss	1.75 dB Max.	**1.7 dB**	
3	Isolation	80 dB Min.	**80.5 dB**	
4	VSWR: In/Out	2.0:1 Max. (1.5:1 Goal)	**1.38:1 In** **1.39:1 Out**	
5	Switching Speed	25 ns Typ.	**Pass** **See Typical Characteristics**	
6	Input Power	+30 dBm Max.	**Pass** **See Typical Characteristics**	
7	Control Signal	TTL LOGIC '0' : Insertion Loss '1' : Isolation	**Pass**	
8	DC Supply	+5VDC @ 50 mA Max. -15VDC @ 75 mA Max.	**+ 5 VDC @ 35 mA** **- 15 VDC @ 65 mA**	PMI QA4

QA/QC Approval: Cameron Kelly Date: 11/15/24

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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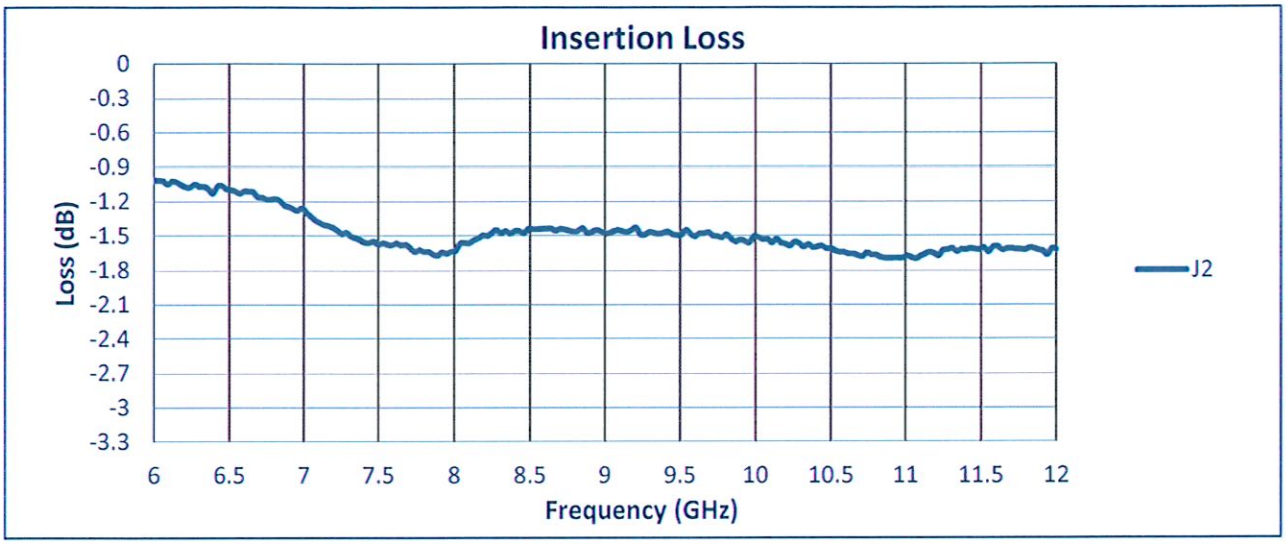
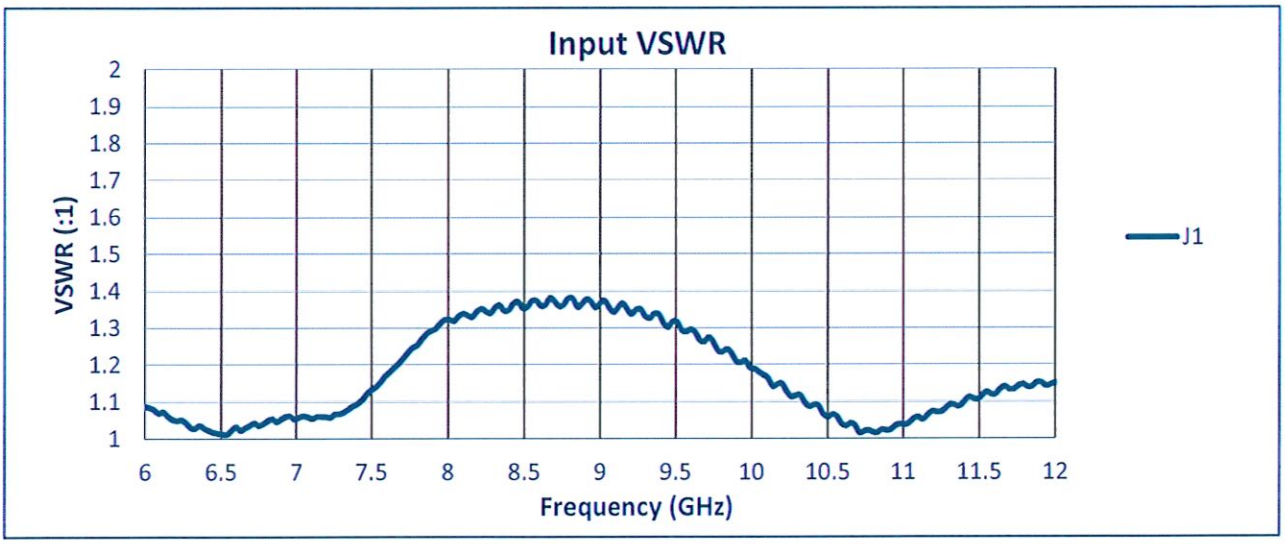
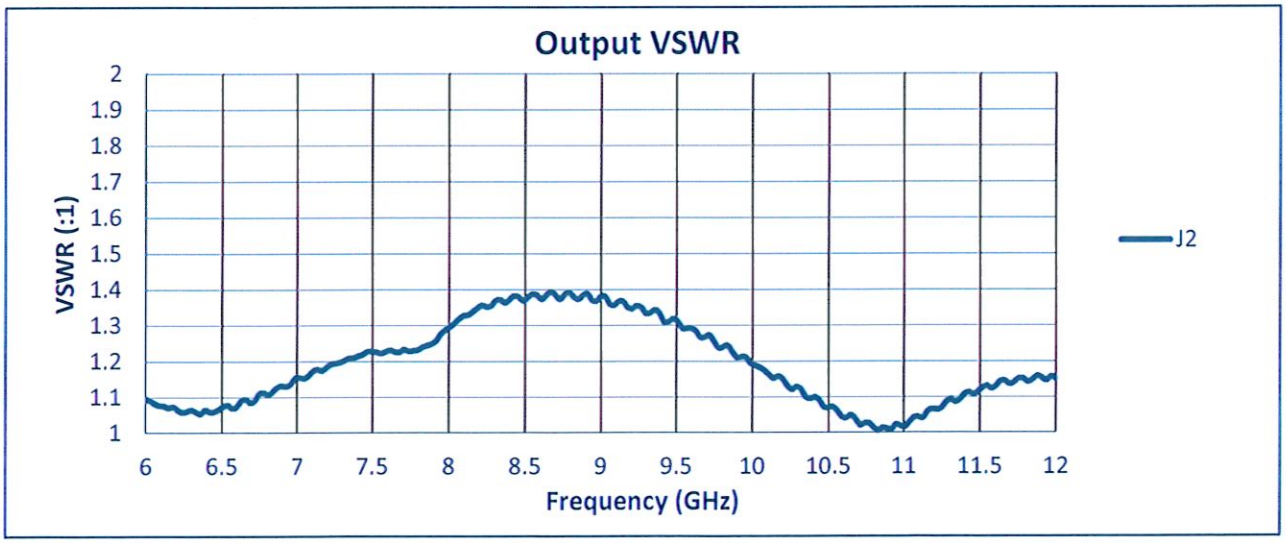
PL50120/2446







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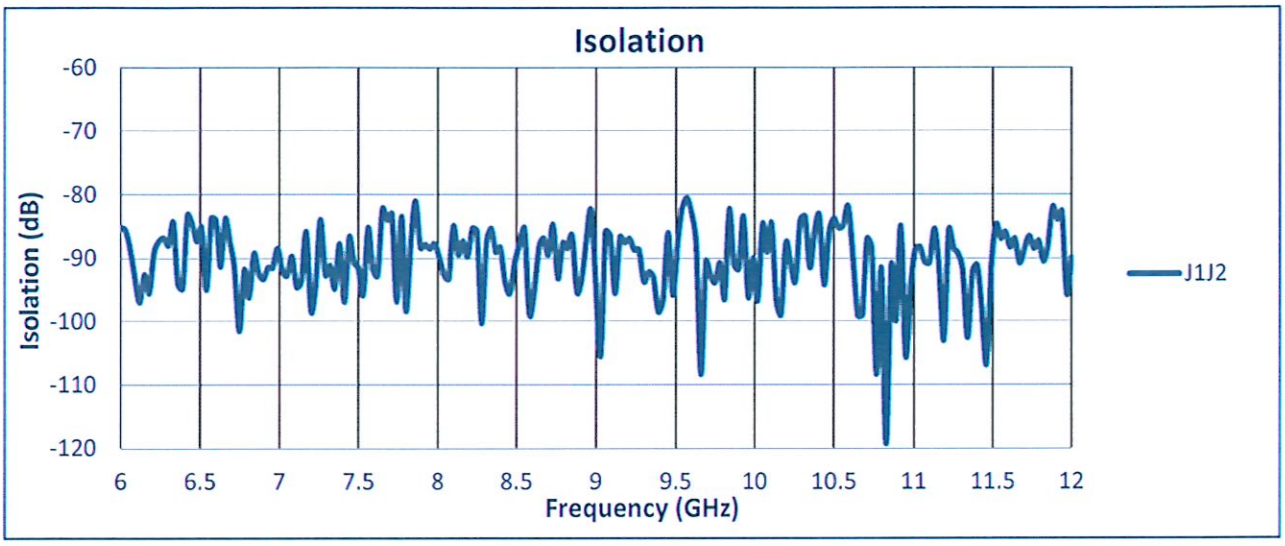

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