Quantic PMI
PLANAR MONOLITHICS

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

Customer:
SO No:
Model No: PDT-8G12G-40-515-SFF
Serial No: PL42633/2343

Tested By: K. Wagaman
Temperature: 25°C
Date: 8/28/2024
Drawing No: 27630580 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	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	**1.55 dB** **1.92 dB**	
3	Isolation	40 dB Min.	**44.1 dB**	
4	Input Power	40 dBm CW Max Operating	**Pass See Typical Characteristics**	
5	Operating Power Peak	57 dBm Max 1 uS Pulse Width 1% Duty	**Pass See Typical Characteristics**	
6	VSWR: In/Out	1.8:1 Typ.	**1.29:1 In** **1.56:1 Out**	
7	Switching Speed Max	200 ns Max.	**Pass See Typical Characteristics**	
8	Power Supply	5 V @ 100 mA -15 V @ 60 mA	**5 V @ 46 mA** **-15 V @ 0 mA**	
9	Control Signal	TTL LOGIC '1' : J0-J1 Low Loss '0' : J0-J2 Low Loss	**Pass**	PMI QA2

QA/QC Approval: PMI QA2 Date: 8/29/2024

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

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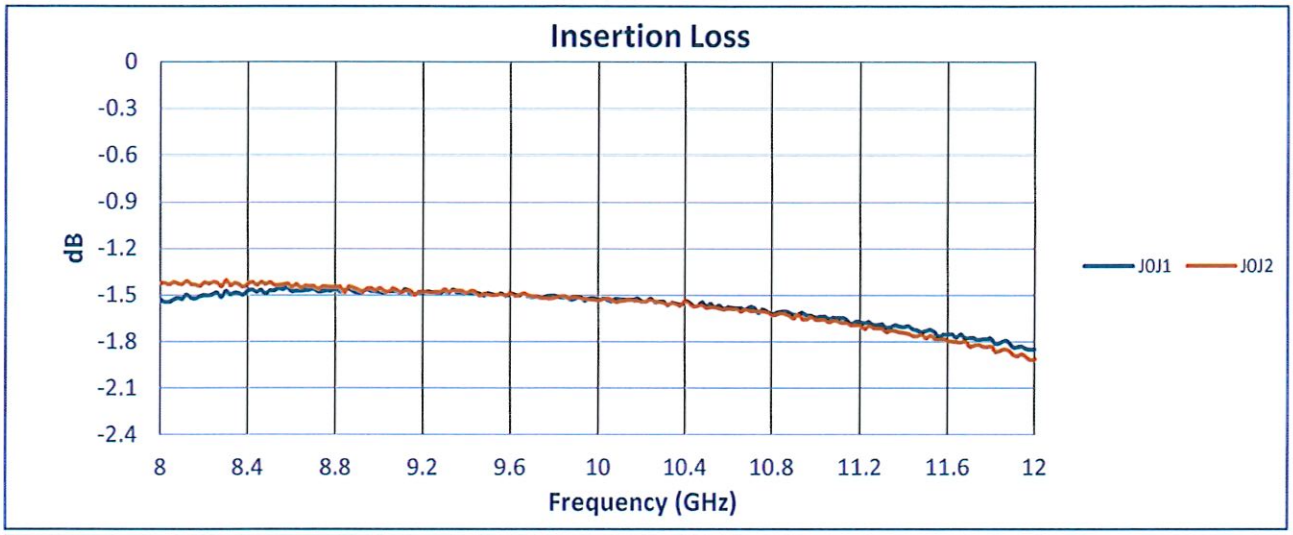

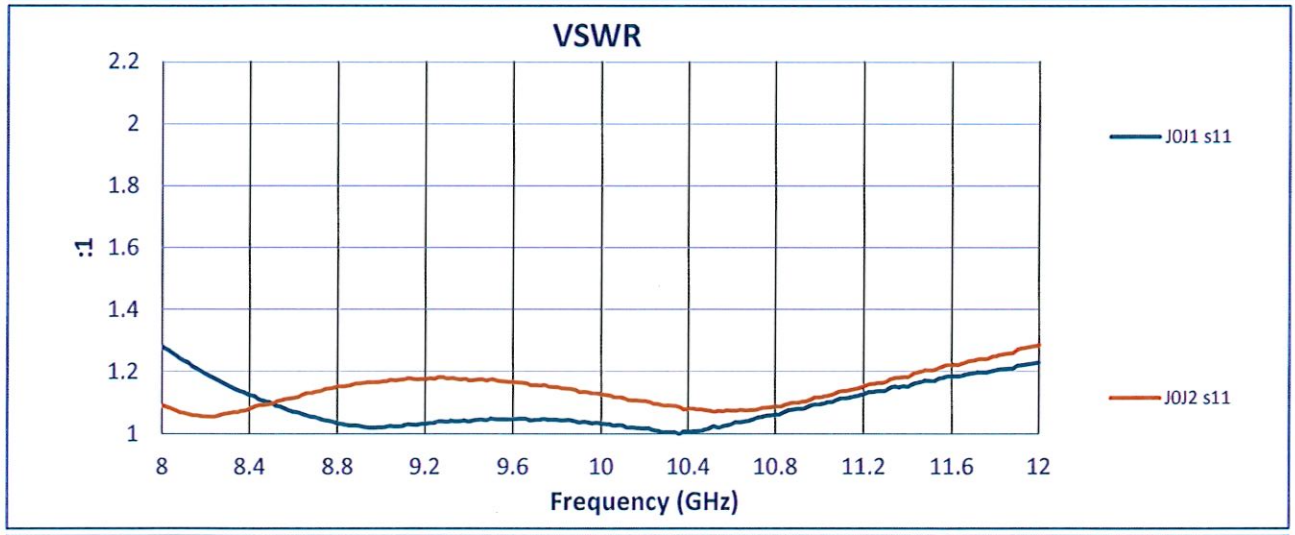

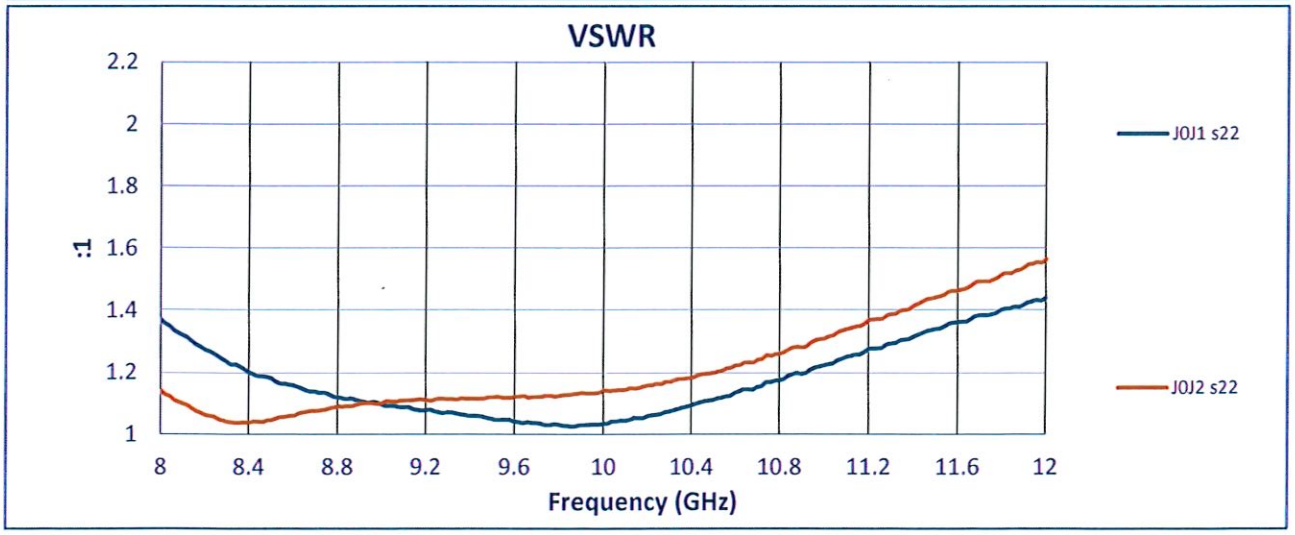

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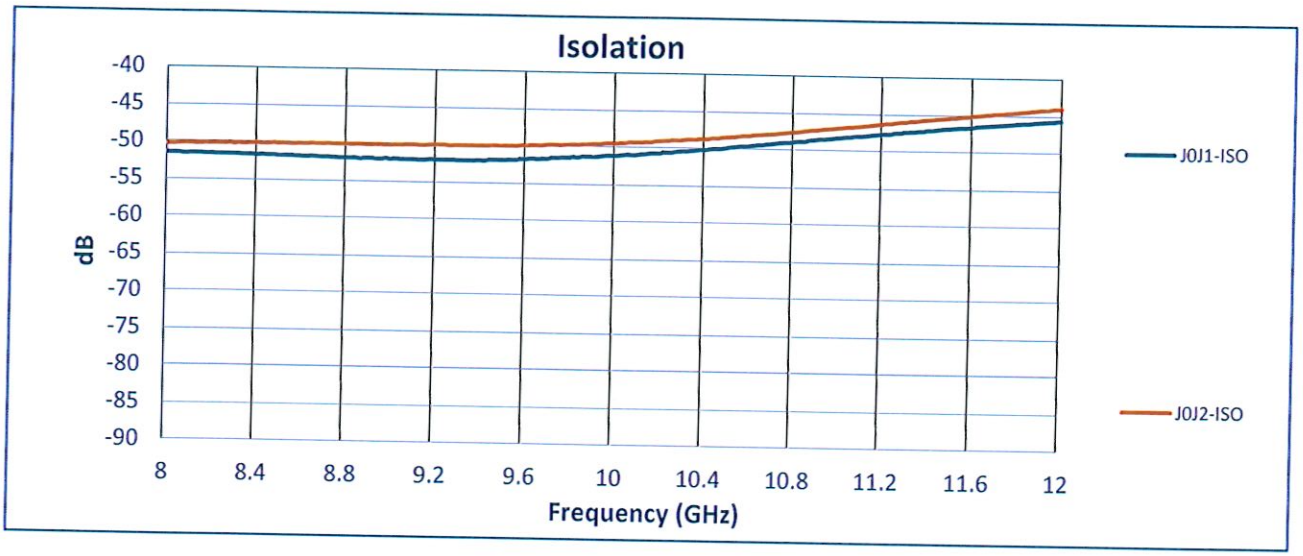

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