



Typical Characteristics ON P2T-6G18G-40-R-570-SFF-300W

Customer: _____
 SO No: _____
 Model No: P2T-6G18G-40-R-570-SFF-300W
 Serial No: PL34726/214

Tested By: A. Lopez
 Temperature: +25°C
 Date: 11/16/2021
 Drawing No: 27642500 Rev: C1

CONTROL: SINGLE TTL (TTL "0" J1-J3 "LOW LOSS")

J4 CONNECTIONS

PIN	CONNECT TO
1	U1 -70V
2	GROUND
3	U1 IN2, 2 (CTRL J3)
4	U1 +5V
5	U1 IN1, (CTRL J2)

PIN	CONNECT TO
6	U1 GROUND
7	U1 GROUND
8	U1 GROUND
9	U1 GROUND

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	6.0 to 18.0 GHz	6.0 to 18.0 GHz	PMI QA 2	
2	Power:	300W Peak (55 dBm)	Pass See Typical Characteristics		
3	Duty Cycle:	20%	Pass See Typical Characteristics		
4	Insertion Loss:	2.2 dB Max.	2.02 dB See Graph		
5	Isolation:	40dB Typ. 38dB Min.	39.31 dB See Graph		
6	Pulse Width:	200 ns. Max.	200 ns		
7	Switching Speed:	1.25 μs Max, (50% TTL to 90% RF and 50% TTL to 10% RF)	Pass See Typical Characteristics		
8	VSWR in/out:	2.0:1 Max.	1.97:1 See Graph		
9	Load VSWR:	Better than 1.5:1	1.5:1		
10	Power Supply:	+5 VDC @ 300 mA -70 VDC @ 60 mA	+5 VDC @ 190 mA -70 VDC @ 20 mA		PMI QA 2

QA/QC Approval: 

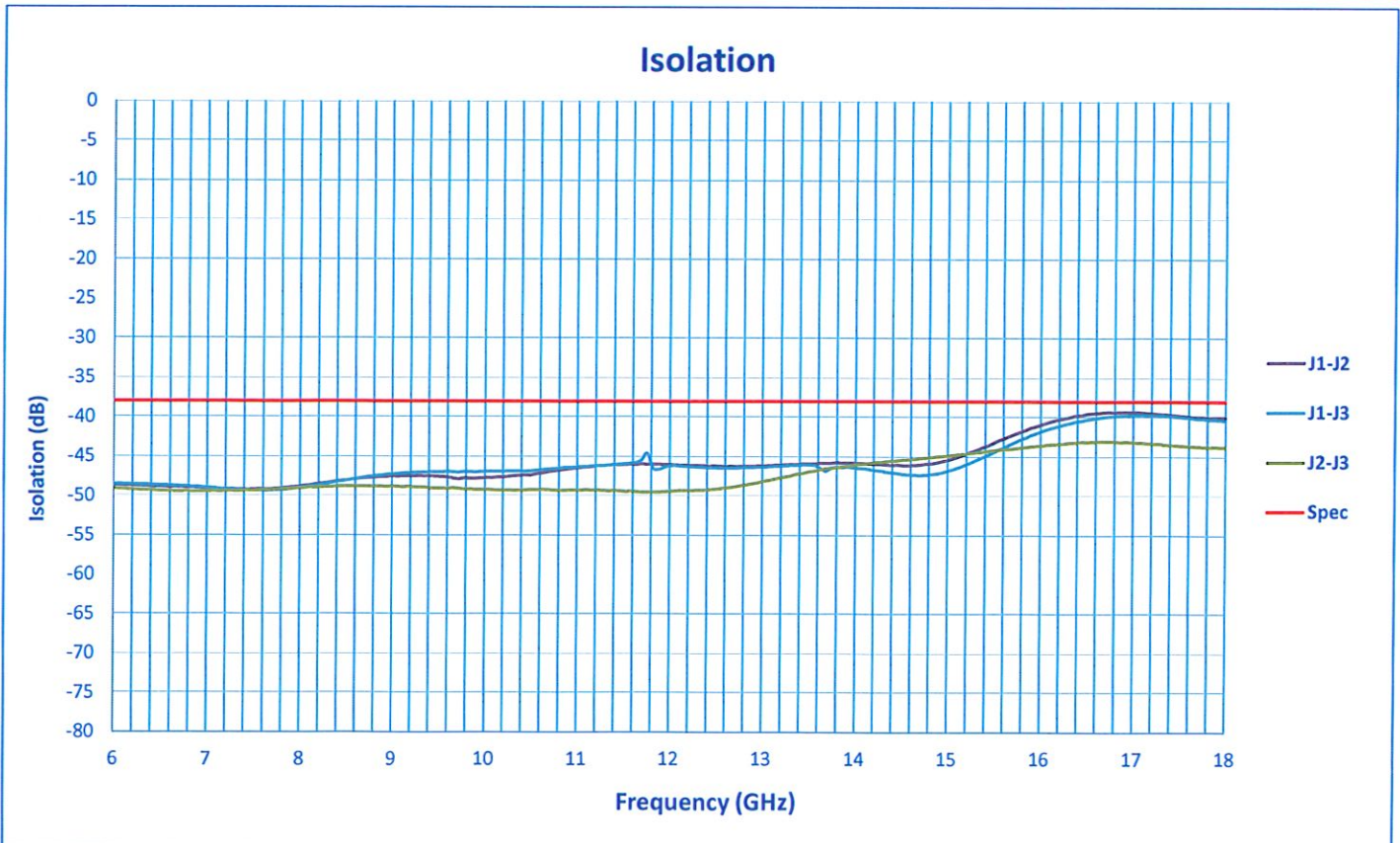
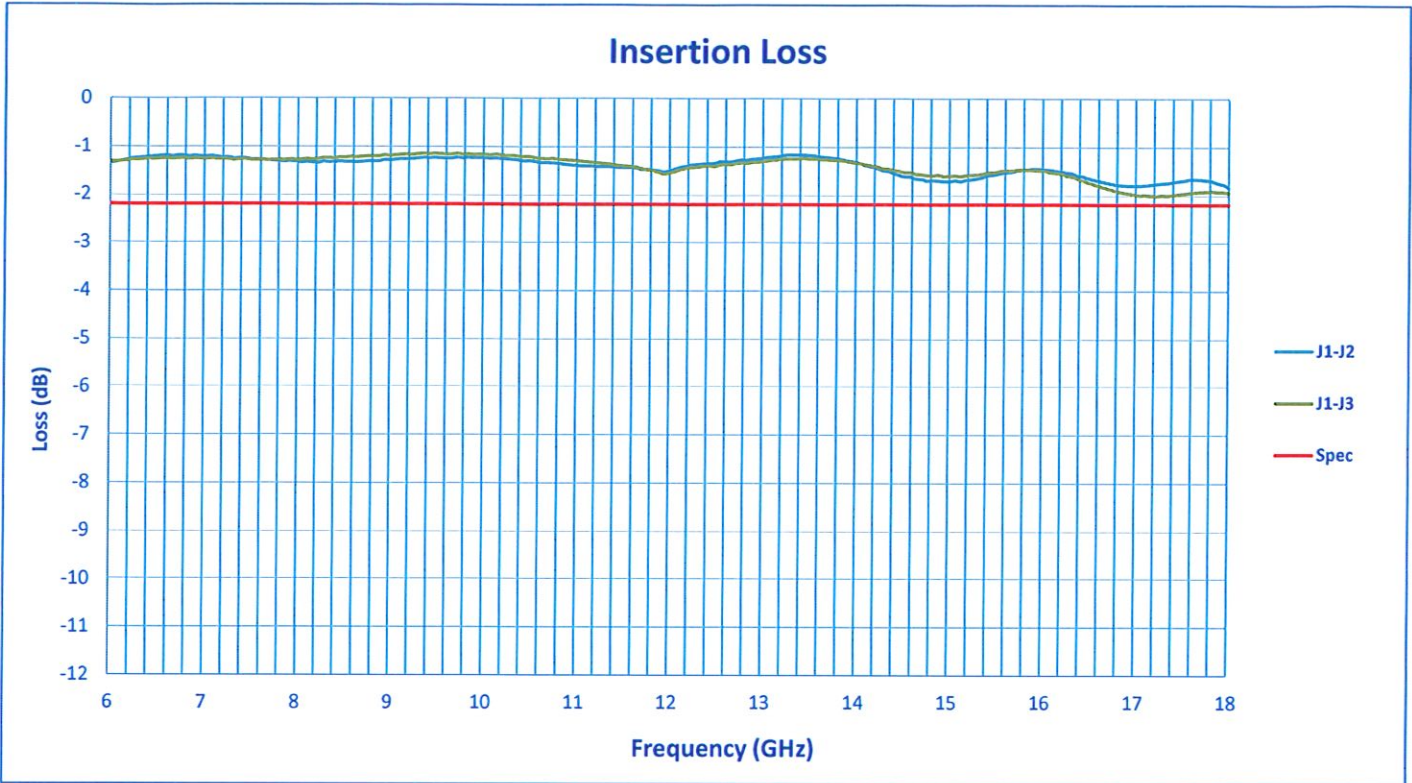
PMI
QA 2

Date: 11/16/2021

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