

**SUMMARY TEST DATA
 ON
 P2T-100M50G-100-T**

Customer: _____
 SO No: _____
 Model No: P2T-100M50G-100-T
 Serial No: PL45641/2416

Tested By: S. O'Neill
 Temperature: +25°C
 Date: 4/19/2024
 Drawing No: 26927766 REV: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
			+25°C	
1	Frequency Range:	0.1 to 50 GHz	Spec 0.1 to 50 GHz	PMI QA4
2	Insertion Loss:	4.5 dB (0.1 to 18 GHz) Max. 6.0 dB (18 to 40 GHz) Max. 8.5 dB (40 to 50 GHz) Max.	3.51 dB	
			5.35 dB	
			6.64 dB	
			See Graphs	
3	VSWR:	2.2:1 (0.1 to 18 GHz) Max. 2.5:1 (18 to 40 GHz) Max. 3.0:1 (40 to 50 GHz) Max.	2.09 :1	
			2.28 :1	
			2.39 :1	
			See Graphs	
4	Isolation:	85 dB (1 to 18 GHz) Min. 85 dB (18 to 40 GHz) Min. 70 dB (40 to 50 GHz) Min.	95.99 dB	
			87.28 dB	
			81.39 dB	
			See Graphs	
5	Input Power:	20 dBm CW Max.	Pass See Typical Characteristics	
6	Switching Speed:	50 ns Max.	Pass See Typical Characteristics	
7	Control Signal:	TTL Logic "0" = J1-J2 On TTL Logic "1" = J1-J3 On	Pass	
8	DC Voltage:	+5 VDC @ 100 mA Max. -5 VDC @ 100 mA Max.	+5 VDC @ 88 mA -5 VDC @ 64 mA	PMI QA4

QA/QC Approval: *Cameron Velazquez* **PMI QA4**

Date: 04/19/2024



