

**SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM**

Customer: _____
 SO No: _____
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM
 Serial No: PL45436/2415

Tested By: K. Mansfield
 Temperature: +25°C
 Date: 4/8/2024
 Drawing No: 27630283 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	DC to 18 GHz	DC to 18 GHz	PMI QA4
2	Isolation:	60 dB Typ. 55 dB Min.	61 dB See Plot	
3	Insertion Loss:	4.5 dB Typ 5.0 dB Max.	3.83 dB See Plot	
4	VSWR: In/Out	2.0:1 Typ. 2.2:1 Max.	In 1.9:1 Out 1.9 :1 See Plot	
5	Input Power:	+17 dBm CW Max.	See Typical Characteristics	
6	Switching Speed:	6 ns Typ. 7 ns Max.	See Typical Characteristics	
7	Rise/Fall Time:	1 ns Typ. 2 ns Max.	See Typical Characteristics	
8	Control Signal:	TTL "1" On Internally Terminated to 50 Ω	Pass	
9	Video Transients:	300 MHz BW (2-18 GHz): 85 mV P-P 20 MHz BW (2-18 GHz): 15 mV P-P	See Typical Characteristics	
10	DC Supply:	+8 to +15 V @ 15 mA Max. -8 to -15 V @ 40 mA Max.	+8 to +15 V @ 8 mA -8 to -15 V @ 27 mA	PMI QA4

QA/QC Approval: *Cameron Kelley*

Date: 04/08/2024

