

**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: PL45435/2415

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	<b>PMI QA4</b>	
2	Isolation:	60 dB Typ. 55 dB Min.	61 dB See Plot		
3	Insertion Loss:	4.5 dB Typ 5.0 dB Max.	3.93 dB See Plot		
4	VSWR: In/Out	2.0:1 Typ. 2.2:1 Max.	In 1.91:1 Out 1.95 :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		<b>PMI QA4</b>

QA/QC Approval: *Cameron Helms*

Date: 04/08/2024

