

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

Customer: \_\_\_\_\_  
 SONo: \_\_\_\_\_  
 Model No: P1T-DC40G- 65-292FF-1NS-OPT18G-50OHM  
 Serial No: PL45029/2411

Tested By: K. Mansfield  
 Temperature: +25°C  
 Date: 3/12/2023  
 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 QA2	
2	Isolation:	60 dB Typ. 55 dB Min.	60 dB See Plot		
3	Insertion Loss:	4.5 dB Typ 5.0 dB Max.	4.5 dB See Plot		
4	VSWR: In/Out	2.0:1 Typ. 2.2:1 Max.	In 1.99:1 Out 2.13 :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 QA2

QA/QC Approval:  

PMI  
QA2

Date: 3/13/2024

