



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

Customer: _____
SO No: _____
Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G
Serial No: PL42092/2337

Tested By: L. McGraw & S. O'Neill
Temperature: 25°C
Date: 9/12/2023
Drawing No: 27625063 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	55 dB Min. 60 dB Typ.	60.1 dB	PMI QA2
3	Insertion Loss	5 dB Max. 4.5 dB Typ.	3.94 dB	
4	VSWR: In/Out	2.2:1 Max. 2:1 Typ.	1.89:1 In 1.79:1 Out	
5	Operating Power CW	17 dBm Max	Pass See Typical Characteristics	
6	Switching Speed	7 ns Max. 6 ns Typ.	Pass See Typical Characteristics	
7	Rise/Fall Time	2 ns Max. Rise 1 ns Typ. Rise 2 ns Max. Fall 1 ns Typ. Fall	Pass See Typical Characteristics	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	Pass	
9	Video Transients	85mV P-P @ 300Mhz BW 2-18 GHz 15mV P-P @ 20Mhz BW 2-18 GHz	Pass See Typical Characteristics	
10	Power Supply	8 to 15 V @ 15 mA -8 to -15 V @ 40 mA	15 V @ 5 mA -15 V @ 27 mA	

QA/QC Approval:  PMI
QA2

Date: 9/13/2023

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com



