



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: PL42091/2337

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.	60.8 dB	
3	Insertion Loss	5 dB Max. 4.5 dB Typ.	3.94 dB	
4	VSWR: In/Out	2.2:1 Max. 2:1 Typ.	1.75:1 In 1.91:1 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	PMI QA2

QA/QC Approval:  PMI  
QA2

Date: 9/13/2023

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