



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: PL42089/2337

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 dB		
3	Insertion Loss	5 dB Max. 4.5 dB Typ.	3.95 dB		
4	VSWR: In/Out	2.2:1 Max. 2:1 Typ.	1.72:1 In 1.87:1 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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