



**SUMMARY TEST DATA**  
ON  
**P1T-DC40G-65-T-292FF-1NS-OPT812**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT812  
 Serial No: PL42170/2338

Tested By: L. McGraw  
 Temperature: 25°C  
 Date: 9/21/2023  
 Drawing No: 27637740 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	8 GHz to 12 GHz	8 GHz to 12 GHz	PMI QA1
2	Isolation	60 dB Min. 70 dB Typ.	70.5 dB	
3	Insertion Loss	4.5 dB Max. 3.5 dB Typ.	3.44 dB	
4	VSWR: In/Out	2.2:1 Max. 2:1 Typ.	1.69:1 In 1.66:1 Out	
5	Operating Power CW	17 dBm Max	Pass See Typical Characteristics	
6	Switching Speed	5 ns Max. 3 ns Typ.	Pass See Typical Characteristics	
7	Rise/Fall Time	1 ns Max. Rise 0.9 ns Typ. Rise 1 ns Max. Fall 0.9 ns Typ. Fall	Pass See Typical Characteristics	
8	Control Signal	TTL LOGIC '1' : Insertion Loss '0' : Isolation	Pass	
9	Power Supply	8 to 15 V @ 15 mA -8 to -15 V @ 40 mA	15 V @ 5 mA -15 V @ 27 mA	PMI QA1

QA/QC Approval:  **PMI QA1** Date: 9/21/23

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