



**SUMMARY TEST DATA**  
**ON**  
**P6T-812-80-515-T-RT-SFF-DIFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P6T-812-80-515-T-RT-SFF-DIFF  
 Serial No: PL40838/2322

Tested By: Y LI  
 Temperature: 25°C  
 Date: 5/31/2023  
 Drawing No: 27045500 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 QA2
2	Insertion Loss	5 dB Max., 8 to 9.27 GHz 4 dB Max., 9.27 to 11.27 GHz 5 dB Max., 11.27 to 12 GHz	2.23 dB, 8 to 9.27 GHz 2.41 dB, 9.27 to 11.27 GHz 2.5 dB, 11.27 to 12 GHz	PMI QA2
3	Isolation	70 dB Min., 8 to 9.27 GHz 80 dB Min., 9.27 to 11.27 GHz 70 dB Min., 11.27 to 12 GHz	86.9 dB, 8 to 9.27 GHz 82.8 dB, 9.27 to 11.27 GHz 78.6 dB, 11.27 to 12 GHz	
4	VSWR: In/Out	2:1 Max., 8 to 9.27 GHz 1.5:1 Max., 9.27 to 11.27 GHz 2:1 Max., 11.27 to 12 GHz	1.53:1, 8 to 9.27 GHz 1.44:1, 9.27 to 11.27 GHz 1.57:1, 11.27 to 12 GHz	
5	Switching Speed Max	50 ns Max.	Pass See Typical Characteristics	
6	P1dB	27 dBm Min	Pass See Typical Characteristics	
7	Survival Power CW	30 dBm Max	Pass See Typical Characteristics	
8	Operating Power	-20 to +20 dBm CW Max 0.078 dB amplitude change Max 0.351 degrees phase change Max	Pass See Typical Characteristics	
9	Power Supply	5 V @ 400 mA Max. -15 V @ 300 mA Max.	5 V @ 184 mA -15 V @ 35 mA	

\*Power Supply v+ current excludes differential inputs current.

QA/QC Approval:  PMI QA2 Date: 5/31/2023

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