



**SUMMARY TEST DATA
ON
P8T-812-80-515-T-RT-SFF-DIFF**

Customer: _____
 SO No: _____
 Model No: P8T-812-80-515-T-RT-SFF-DIFF
 Serial No: PL40831/2322

Tested By: Y LI
 Temperature: 25°C
 Date: 5/30/2023
 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., 8-9.27 GHz 4 dB Max., 9.27-11.27 GHz 5 dB Max., 11.27-12 GHz	2.43 dB, 8-9.27 GHz 2.79 dB, 9.27-11.27 GHz 3.03 dB, 11.27-12 GHz		
3	Isolation	70 dB Min., 8-9.27 GHz 80 dB Min., 9.27-11.27 GHz 70 dB Min., 11.27-12 GHz	83.4 dB, 8-9.27 GHz 80 dB, 9.27-11.27 GHz 76.5 dB, 11.27-12 GHz		
4	VSWR: In/Out	2:1 Max., 8-9.27 GHz 1.5:1 Max., 9.27-11.27 GHz 2:1 Max., 11.27-12 GHz	1.44:1, 8-9.27 GHz 1.45:1, 9.27-11.27 GHz 1.78:1, 11.27-12 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 dBm CW Max	Pass See Typical Characteristics		
9	Power Supply	5 V @ 400 mA Max. -15 V @ 300 mA Max.	5 V @ 280 mA -15 V @ 35 mA		PMI QA2

*Recorded currents exclude differential input current.

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

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