



SUMMARY TEST DATA
ON
P4T-812-80-515-T-RT-SFF-DIFF

Customer: _____
 SO No: _____
 Model No: P4T-812-80-515-T-RT-SFF-DIFF
 Serial No: PL41019/2324

Tested By: Y Li
 Temperature: 25°C
 Date: 6/16/2023
 Drawing No: 27645480 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	3 dB Max., 8 to 9.27 GHz 2.5 dB Max., 9.27 to 11.27 GHz 3 dB Max., 11.27 to 12 GHz	2.04 dB, 8 to 9.27 GHz 2.38 dB, 9.27 to 11.27 GHz 2.51 dB, 11.27 to 12 GHz		
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	92.8 dB, 8 to 9.27 GHz 89.7 dB, 9.27 to 11.27 GHz 89.4 dB, 11.27 to 12 GHz		
4	VSWR: In/Out	1.5:1 Max., 8 to 9.27 GHz 1.3:1 Max., 9.27 to 11.27 GHz 1.5:1 Max., 11.27 to 12 GHz	1.24:1, 8 to 9.27 GHz 1.22:1, 9.27 to 11.27 GHz 1.42:1, 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 dBm CW Max.	Pass See Typical Characteristics		
9	Power Supply	5 V @ 200 mA Max. -15 V @ 150 mA Max.	5 V @ 140 mA -15 V @ 34 mA		PMI QA2

Power supply current measurement excludes differential input current.

QA/QC Approval: PMI
QA2

Date: 6/19/2023

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