



SUMMARY TEST DATA ON PDT-8G12G-40-515-SFF

Customer: _____
 SO No: _____
 Model No: PDT-8G12G-40-515-SFF
 Serial No: PL49911/2444

Tested By: K. Wagaman
 Temperature: +25° C, -54° C
 Date: 11/4/2024
 Drawing No: 27630580 Rev: A3

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		QA QC
			+25° C	-54° C	
1	Frequency Range:	8 GHz to 12 GHz	8 GHz to 12 GHz		PMI QA4
2	Insertion Loss:	2 dB Max., 8-10 GHz 2.3 dB Max., 10-12 GHz	1.61 dB 1.7 dB See Graph	1.53 dB 1.66 dB See Graph	
3	Isolation:	40 dB Min.	50.1 dB See Graph	50.8 dB See Graph	
4	VSWR:	1.8:1 Typ.	1.51:1 In 1.45:1 Out See Graph	1.51:1 In 1.49:1 Out See Graph	
5	Switching Speed:	200 ns Max.	Pass See Typical Characteristics	Pass See Typical Characteristics	
6	Input Power	40 dBm CW Avg.	Pass See Typical Characteristics	Pass See Typical Characteristics	
7	Operating Peak Power:	57 dBm Max 1 μ s Pulse Width, 1% Duty Cycle.	Pass See Typical Characteristics	Pass See Typical Characteristics	
8	DC Supply:	+5 V @ 100 mA Max. -15 V @ 100 mA Max.	+5V @ 26 mA -15 V @ 0 mA	+5 V @ 25 mA -15 V @ 0 mA	
9	Control:	Logic Table		Pass	
		CTL1	Function		
		1	J0-J1		
		0	J0-J2		

QA/QC Approval: *Cameron Kelley*

Date: 11/4/24

7309-A Grove Road Frederick, MD 21704 USA Phone: (301) 662-5019 Fax: (301) 662-1731
 Email: sales@pmi-rf.com

