



**SUMMARY TEST DATA  
ON  
P1T-6G12G-80-T-SFF-1W**

Customer: PLANNED MONOLITHICS  
 SO No: PL53149  
 Model No: P1T-6G12G-80-T-SFF-1W  
 Serial No: PL53149/2522

Tested By: K Craven  
 Temperature: 25°C  
 Date: 5/27/2025  
 Drawing No: 27628521 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	6 GHz to 12 GHz	6 GHz to 12 GHz	PMI QA4       PMI QA4
2	Insertion Loss	1.75 dB Max.	1.7 dB	
3	Isolation	80 dB Min.	97.5 dB	
4	VSWR: In/Out	2.0:1 Max. (1.5:1 Goal)	1.18:1 In 1.13:1 Out	
5	Switching Speed	25 ns Typ.	Pass See Typical Characteristics	
6	Input Power	+30 dBm Max.	Pass See Typical Characteristics	
7	Control Signal	TTL LOGIC '0' : Insertion Loss '1' : Isolation	Pass	
8	DC Supply	+5VDC @ 50 mA Max. -15VDC @ 75 mA Max.	+ 5 VDC @ 40 mA - 15 VDC @ 50 mA	

QA/QC Approval: *Cameron Kelly*

Date: 6/4/25

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