



**SUMMARY TEST DATA**  
ON  
**P4T-500M40G-60-T-55-292FF-SP**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P4T-500M40G-60-T-55-292FF-SP  
 Serial No: PL49927/2444

Tested By: S. O'Neill  
 Temperature: 25°C  
 Date: 2/20/2025  
 Drawing No: 27613629 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	0.5 GHz to 40 GHz	0.5 GHz to 40 GHz	PMI QA4
2	Isolation	60 dB Min.	65.4 dB	
3	Insertion Loss	8 dB Max.	6.52 dB	
4	VSWR: In/Out	2.5:1 Max. 2:1 Typ.	2.3:1 In 2.16:1 Out	
5	Input Power	20 dBm CW Max Operating	Pass See Typical Characteristics	
6	Survival Power Peak	1 W Max 1 uS Pulse Width	Pass See Typical Characteristics	
7	Rise/Fall Time	15 ns Max. Rise 15 ns Max. Fall	Pass See Typical Characteristics	
8	Delay On/Off	50 ns Max. On 50 ns Max. Off	Pass See Typical Characteristics	
9	Power Supply	5 V @ 250 mA Max. -5 V @ 100 mA Max.	5 V @ 127 mA -5 V @ 70 mA	PMI QA4

LOGIC TABLE		
2 BIT DECODER		
E1	E2	FUNCTION
0	0	J1-J2 "Low Loss"
0	1	J1-J3 "Low Loss"
1	0	J1-J4 "Low Loss"
1	1	J1-J5 "Low Loss"

QA/QC Approval: *Cameron Kelly*

Date: 2/20/25

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