



SUMMARY TEST DATA
ON
P2T-2G18G-55-T-512-SFF-LV-SP-QB

Customer: _____
 SO No: _____
 Model No: P2T-2G18G-55-T-512-SFF-LV-SP-QB
 Serial No: PL54349/2529

Tested By: A. Mousavi
 Temperature: 25°C
 Date: 7/17/2025
 Drawing No: 27344020 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA
2	Insertion Loss	3 dB Max.	2.92 dB	
3	Isolation	55 dB Min.	76.8 dB	
4	VSWR: In/Out	2:1 Max., Unconditionally Stable for Any Input/Output VSWR Load	1.87:1 In 1.96:1 Out	
5	Input Power	23 dBm CW Max Operating 27 dBm CW Max Survival	Pass See Typical Characteristics	
6	Switching Speed Max	50 ns Max. Ton - 50% TTL to 90% RF Toff - 50% TTL to 10% RF	Pass See Typical Characteristics	
7	Switching Rate PRF	5MHz	Pass See Typical Characteristics	
8	Video Transients	50 mv P-P Max., 300MHz BW	Pass See Typical Characteristics	
9	Control Signal	TTL LOGIC (c11, c12) 00: J2&J3 ON 01: J1-J2 10: J1-J3 11: All Off	Pass	
10	Power Supply	5 V @ 80 mA Typ -12 V @ 80 mA Typ	5 V @ 30 mA -12 V @ 70 mA	

QA/QC Approval: *Cummary Kelly*

Date: 7/21/25

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



