



**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: PL39729/2309

Tested By: John R.  
 Temperature: +25°C  
 Date: 3/15/2023  
 Drawing No: 27633 620 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2.0 GHz - 18.0 GHz	2.0 GHz - 18.0 GHz	PMI QA1
2	Insertion Loss:	3.0 dB Max.	2.86 dB See Graph	
3	Isolation:	55 dB Min.	67.3 dB See Graph	
4	VSWR:	2.0:1 Max.	1.95:1 In 1.94 :1 Out See Graph	
5	Input Power:	+23 dBm CW Max. (Oper.) +27 dBm CW Max. (Surv.)	+23 dBm CW Max. (Oper.) +27 dBm CW Max. (Surv.) See Typical Characteristics	
6	Switching Speed:	50nsec Max Ton = 50% TTL to 90% RF Toff = 50% TTL to 10% RF	50nsec Max Ton = 50% TTL to 90% RF Toff = 50% TTL to 10% RF See Typical Characteristics	
7	Switching Rate PRF:	5 MHz	5 MHz See Typical Characteristics	
8	Video Leakage:	50 mV Peak to Peak Max. Measured @ 300 MHz BW	50 mV Peak to Peak Max. Measured @ 300 MHz BW See Typical Characteristics	
9	Control Logic:	"0" = Insertion Loss (1.6mA Max. Sink @ 0.4V) "1" = Isolation (40µA Max. Source @ 2.4V)	"0" = Insertion Loss (1.6mA Max. Sink @ 0.4V) "1" = Isolation (40µA Max. Source @ 2.4V)	
10	DC Supply:	+5 VDC @ 80 mA -12 VDC @ 80 mA	+5 VDC @ 36 mA -12 VDC @ 68 mA	

QA/QC Approval:  PMI QA1 Date: 3/17/23

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