



**SUMMARY TEST DATA
ON
P4T-0R3G18G-70-T-SFF**

Customer: _____
 SO No: _____
 Model No: P4T-0R3G18G-70-T-SFF
 Serial No: PL33693/2135

Tested By: K. Mansfield
 Temperature: +25°C
 Date: 8/31/2021
 Drawing No: 27630421 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.3 GHz - 18 GHz	0.3 GHz - 18 GHz	PMI QA 2
2	Insertion Loss:	3.75 dB Max.	2.83 dB (See Plot)	
3	Isolation:	0.3 GHz to 2 GHz: 60 dB Min. 2 GHz to 18 GHz: 70 dB Min.	0.3 GHz to 2 GHz: 90 dB 2 GHz to 18 GHz: 78 dB (See Plot)	
4	VSWR: In/Out	2.0:1 Typ.	1.93:1 In 1.85:1 Out 1.9:1 Term. (See Plot)	
5	Input Power:	+20 dBm CW Max.	Pass (See Typical Characteristics)	
6	Survival Power:	1 W CW Max. (+30 dBm) 10 W Peak 1 µs Pulse, 1% Duty Cycle	Pass (See Typical Characteristics)	
7	RF Switching Speed:	Rise/Fall: 15 ns Max. Delay On/Off 100 ns Max.	<15 ns Rise/Fall <100 ns Delay (See Typical Characteristics)	
8	DC Supply:	+5 VDC @ 65 mA Max. -5 VDC @ 50 mA Max.	+5 VDC @ 20 mA -5 VDC @ 39 mA	
9	Control Signal:	E1 E2 Function	Pass	
		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: _____

PMI
QA 2

Date: 8/31/2021



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