

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

Customer: _____
 SO No: _____
 Model No: P4T-0R3G18G-70-T-SFF
 Serial No: PL37675/2235

Tested By: K. Mansfield
 Temperature: +25°C
 Date: 8/31/2022
 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.	3.53 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: 97 dB 2 GHz to 18 GHz: 84 dB (See Plot)	
4	VSWR:	In/Out: 2.0:1 Typ. Terminated Out : 2.0:1 Typ.	1.99:1 In 1.96:1 Out 1.95:1 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 μ s Pulse, 1% Duty Cycle	Pass (See Typical Characteristics)	
7	RF Switching Speed:	Rise/Fall: 10 ns Typ., 15 ns Max. Delay On/Off: 75 ns Typ., 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 @ 15 mA -5 VDC @ 31 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"	PMI QA 2	

QA/QC Approval: _____

PMI
QA 2

Date: _____

8/31/2022

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