



# SUMMARY TEST DATA ON P2T-8G18G-50-R-SFFF

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-8G18G-50-R-SFFF  
 Serial No: PL46612/2424

Tested By: S. O'Neill  
 Temperature: +25°C  
 Date: 6/12/2024  
 Drawing No: 27634020 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	8.0 GHz to 18.0 GHz	8.0 GHz to 18.0 GHz	PMI QA4
2	Insertion Loss:	3.0 dB MAX	2.85 dB See Plot	
3	Isolation:	50dB Min	51 dB Typ. See Plot	
4	VSWR:	2.0:1 MAX	In 1.83:1 See Plot	
5	Switching Speed:	200 ns MAX	ON: <50 ns OFF: <200 ns See Typical Characteristics	
6	Operational Input Power:	40 W Max.	40 Watts (CW) See Typical Characteristics	
7	Peak Power:	300 W Max.	300 Watts See Typical Characteristics	
8	Pulse Width:	10 μs Max.	10 μs See Typical Characteristics	
9	Duty Cycle:	13% Max.	13% See Typical Characteristics	
10	DC Supply:	+5 VDC TO +15 VDC @ 65 mA MAX -5 VDC TO -15 VDC @ 65 mA MAX	+5 TO +15 VDC @ 7 mA -5 TO -15 VDC @ 19 mA	
11	Control:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	PMI QA4

QA/QC Approval: *Cameron Kelly*

Date: 06/13/24

