

**SUMMARY TEST DATA  
ON  
P2T-DC18G-10-R-5V-SFF-HIP10W**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P2T-DC18G-10-R-5V-SFF-HIP10W  
 Serial No: PL37234/2229

Tested By: E. Kretz  
 Temperature: +25°C  
 Date: 8/13/2024  
 Drawing No: 27644280      Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	DC to 18.0 GHz	DC to 18.0 GHz	PMI QA4
2	Insertion Loss:	4.0 dB MAX 3.0 dB GOAL	2.02 dB See Plot	
3	Isolation:	10dB Min	20.31 dB See Plot	
4	VSWR:	2.0:1 MAX	In 1.69:1 See Plot	
5	Switching Speed:	100 ns GOAL (AT LOW POWER)	60 ns (AT LOW POWER)	
6	Operational Input Power:	5 WATT CW MAX	5 WATT CW MAX	
7	1 dB Compression	+40 dBm GOAL	33 dBm @ 20 MHz >37 dBm @ 0.1 GHz-18 GHz	
8	DC Supply:	+5 to +12 VDC @ 50 mA MAX.	47 mA	
9	Control:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	
10	J1→ J3	DC TEST	DC Verified 5V in @ 50 mA= 4.75 Vout	

QA/QC Approval: *Cameron Kelley*

Date: 8/16/24

