

**SUMMARY TEST DATA  
ON  
P1T-DC40G-65-T-SFF-1NS-OPT1G-SMA**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC40G-65-T-SFF-1NS-OPT1G-SMA  
 Serial No: PL56248/2546

Tested By: L. McGraw  
 Temperature: +25°C  
 Date: 11/10/2025  
 Drawing No: 27625063 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	DC to 1 GHz	DC to 1 GHz	PMI QA4
2	Insertion Loss:	5.5 dB Typ. 6.8 dB Max.	2.21 dB See Plot	
3	VSWR: In/Out	2.0:1 Typ. 2.2:1 Max.	In 1.28:1 Out 1.28 :1 See Plot	
4	Isolation:	65 dB Typ. 55 dB Min.	60 dB See Plot	
5	Switching Speed:	5 ns Typ. 6 ns Max.	See Typical Characteristics	
6	Rise/Fall Time:	0.9 ns Typ. 1 ns Max.	See Typical Characteristics	
7	Input Power:	+17 dBm CW Max.	See Typical Characteristics	
8	Control Signal:	TTL "1" On	Pass	
9	Video Transients:	300 MHz BW (2-18 GHz): 85 mV P-P 20 MHz BW (2-18 GHz); 15 mV P-P	See Typical Characteristics	
10	DC Supply:	+8 to +15 V @ 15 mA Max. -8 to -15 V @ 40 mA Max.	+8 to +15 V @ 8 mA -8 to -15 V @ 27 mA	

QA/QC Approval: *Cameron Kelley*

Date: 11/11/25

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