



SUMMARY TEST DATA
ON
P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM

PL34424/2143

Customer: _____ Tested By: H. Gonzales
SO No: _____ Temperature: +25°C
Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM Date: 10/29/21
Serial No: PL34424/2143 Drawing No: 27630283 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	DC to 18 GHz	DC to 18 GHz See Plot	PMI QA2
2	Isolation	60 dB Typ, 55 dB Min	61.55dB See Plot	
3	Insertion Loss:	4.5 dB Typ, 5.0 dB Max	3.59dB See Plot	
4	VSWR In/Out	2.0:1 Typ, 2.2:1 Max	1.77:1 See Plot	
5	Input Power	+17 dBm CW Max	Pass	
6	Switching Speed	6 ns Typ, 7 ns Max	2.7ns See Typical Characteristics	
7	Rise/Fall Time	1 ns Typ, 2 ns Max	0.6ns See Typical Characteristics	
8	Control Signal	TTL "1" On	Pass	
9	Video Transients	300 MHz BW (2 to 18 GHz) : 85 mV P-P 20 MHz BW (2 to 18 GHz) : 15 mV P-P	Pass	
10	DC Voltage	+8 to +15 V @ 15 mA Max -8 to -15 V @ 40 mA Max	+8 to +15 V @ 6 mA -8 to -15 V @ 27 mA	PMI QA2

QA/QC Approval: _____

PMI
QA2

Date: _____

10/29/2021

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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)



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