



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

PL34422/2143

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: PL34422/2143 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 QA 2 | |
| 2 | Isolation | 60 dB Typ, 55 dB Min | 61.22dB See Plot | | |
| 3 | Insertion Loss: | 4.5 dB Typ, 5.0 dB Max | 3.79dB See Plot | | |
| 4 | VSWR In/Out | 2.0:1 Typ, 2.2:1 Max | 1.87:1 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 QA 2 |

QA/QC Approval: _____

PMI
QA 2

Date: _____

10/29/2021

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Insertion Loss and Return Loss (J1 – J2)



Isolation and Termination (J1 – J2)



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