



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

Customer: _____
 SO No: _____
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G-50OHM
 Serial No: PL41356/2329

Tested By: L. McGraw
 Temperature: +25°C
 Date: 7/18/2023
 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 | PMI QA2 | |
| 2 | Isolation: | 60 dB Typ. 55 dB Min. | 60 dB See Graph | | |
| 3 | Insertion Loss: | 4.5 dB Typ. 5.0 dB Max. | 3.91 dB See Graph | | |
| 4 | VSWR: In/Out | 2.0:1 Typ. 2.2:1 Max. | In 1.92:1 Out 1.81 :1 See Graph | | |
| 5 | Input Power: | +17 dBm CW Max. | Pass See Typical Characteristics | | |
| 6 | Switching Speed: | 6 ns Typ. 7 ns Max. | Pass See Typical Characteristics | | |
| 7 | Rise/Fall Time: | 1 ns Typ. 2 ns Max. | Pass See Typical Characteristics | | |
| 8 | Control Signal: | TTL "1" On Internally Terminated to 50 Ω | 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 See Typical Characteristics | | |
| 10 | DC Supply: | +8 to +15 V @ 15 mA Max. -8 to -15 V @ 40 mA Max. | +8 to +15 V @ 12 mA -8 to -15 V @ 27 mA | | PMI QA2 |

QA/QC Approval:

PMI
QA2

Date: 7/19/2023



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