



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

Customer: _____
 SO No: _____
 Model No: P1T-DC40G-65-T-292FF-1NS-OPT18G
 Serial No: PL42092/2337

Tested By: L. McGraw & S. O'Neill
 Temperature: 25°C
 Date: 9/12/2023
 Drawing No: 27625063 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 | 55 dB Min. 60 dB Typ. | 60.1 dB | | |
| 3 | Insertion Loss | 5 dB Max. 4.5 dB Typ. | 3.94 dB | | |
| 4 | VSWR: In/Out | 2.2:1 Max. 2:1 Typ. | 1.89:1 In 1.79:1 Out | | |
| 5 | Operating Power CW | 17 dBm Max | Pass See Typical Characteristics | | |
| 6 | Switching Speed | 7 ns Max. 6 ns Typ. | Pass See Typical Characteristics | | |
| 7 | Rise/Fall Time | 2 ns Max. Rise 1 ns Typ. Rise 2 ns Max. Fall 1 ns Typ. Fall | Pass See Typical Characteristics | | |
| 8 | Control Signal | TTL LOGIC '1' : Insertion Loss '0' : Isolation | Pass | | |
| 9 | Video Transients | 85mV P-P @ 300Mhz BW 2-18 GHz 15mV P-P @ 20Mhz BW 2-18 GHz | Pass See Typical Characteristics | | |
| 10 | Power Supply | 8 to 15 V @ 15 mA -8 to -15 V @ 40 mA | 15 V @ 5 mA -15 V @ 27 mA | | PMI QA2 |

QA/QC Approval:  PMI
QA2

Date: 9/13/2023

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