



SUMMARY TEST DATA ON P1T-DC18-60-T-SFF-HSLVT

CUSTOMER: _____
 SO: _____
 MODEL NO: P1T-DC18-60-T-SFF-HSLVT
 SERIAL NO: PL34230/2140

TESTED BY: A. Lopez
 TEMPERATURE: +25°C
 DATE: 11/2/2021
 DRAWING NO: 27628081 REV: A1

| TEST ITEM NO: | PARAMETERS | SPECIFIED VALUE | MEASURED VALUE | REMARKS QA/QC |
|---------------|-------------------------------|---|--|---------------|
| 1 | Frequency Range | DC to 18.0 GHz | DC to 18.0 GHz | PMI QA1 |
| 2 | Insertion Loss | 4.5 dB Max. | 3.55 dB (See Plot) | |
| 3 | Isolation | 60dB Min. (10 MHz - 12 GHz) 70 dB Min. (12 GHz - 18 GHz) | 61.58 dB 82.07 dB (See Plot) | |
| 4 | VSWR | 2.0:1 | 1.86:1 (See Plot) | |
| 5 | Rise Time | 1 ns Typ. (2 ns Max.) | See Typical Characteristics | |
| 6 | Fall Time | 1 ns Typ. (2 ns Max.) | See Typical Characteristics | |
| 7 | Delay On | 12 ns Typ. (15 ns Max.) | See Typical Characteristics | |
| 8 | Delay Off | 12 ns Typ. (15 ns Max.) | See Typical Characteristics | |
| 9 | Video Transient (2-18 GHz) | 20mV P-P (300MHz BW) 4mV P-P (20MHz BW) | 20mV P-P (300MHz BW) 4mV P-P (20MHz BW) | |
| 10 | Input Power | (CW)+20dBm | Pass See Typical Characteristics | |
| 11 | Survival Power | 1 Watt CW 10 Watts Peak 1us | Pass See Typical Characteristics | |
| 12 | Control Signal | TTL Logic "0" = ON TTL Logic "1" = OFF | Pass See Typical Characteristics | |
| 13 | DC Supply | -5VDC @ 25 mA Typ. | -5VDC @ 15 mA | PMI QA1 |

QA/QC Approval:  PMI QA1

Date: 11/2/21



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