

SUMMARY TEST DATA
ON
P8T-100M40G-95-T-512-292FF-IND

Customer: _____
 SO No: _____
 Model No: P8T-100M40G-95-T-512-292FF-IND
 Serial No: PL16640/1510

Tested By: S. O'Neill
 Temperature: +25°C
 Date: 12/20/2024
 Drawing No: 27623087 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---------------|------------------|--|--|------------|
| 1 | Frequency Range: | 0.1 - 40 GHz | 0.1 - 40 GHz | PMI QA2 |
| 2 | Insertion Loss: | 11 dB Max. 6dB Typ. (0.1 to 18GHz) 7dB Typ. (18 to 26.5GHz) 10dB Typ. (26.5 to 40GHz) | 8.97 dB (See Plot) | PMI QA2 |
| 3 | Isolation: | 75dB Min. (0.1 to 18GHz) 55dB Max. (18 to 40GHz) | 58.16 dB (See Plot) | |
| 4 | VSWR: In/Out | 2.5:1 Typ. 3.15:1 Max. | 3.02:1 In 2.92:1 Out (See Plot) | |
| 5 | Switching Speed: | 100 ns Max. | <100 ns See Typical Characteristics | |
| 6 | Input Power: | +20 dBm CW Max. | See Typical Characteristics | |
| 7 | DC Supply: | +5 VDC @ 180 mA -12 VDC @ 65 mA | +5 VDC @ 76 mA -12 VDC @ 65 mA | |
| 8 | Control Signal: | EIGHT LINE TTL: "0" ISOLATION "1" INSERTION LOSS E1: J1-J2 E2: J1-J3 E3: J1-J4 E4: J1-J5 E5: J1-J6 E6: J1-J7 E7: J1-J8 E8: J1-J9 | Pass | |

QA/QC Approval:   PMI
QA2

Date: 12/20/2024



