



SUMMARY TEST DATA ON P2T-8G18G-50-R-SFFF

Customer: _____
 SO No: _____
 Model No: P2T-8G18G-50-R-SFFF
 Serial No: PL46613/2424

Tested By: S. O'Neill
 Temperature: +25°C
 Date: 6/12/2024
 Drawing No: 27634020 Rev: A1

| TEST ITEM NO | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|--------------|--------------------------|----------------------------------------------------------------|-----------------------------------------------------------|---------|
| 1 | Frequency Range: | 8.0 GHz to 18.0 GHz | 8.0 GHz to 18.0 GHz | PMI QA4 |
| 2 | Insertion Loss: | 3.0 dB MAX | 2.91 dB See Plot | |
| 3 | Isolation: | 50dB Min | 49 dB Typ. See Plot | |
| 4 | VSWR: | 2.0:1 MAX | In 1.7:1 See Plot | |
| 5 | Switching Speed: | 200 ns MAX | ON: <50 ns OFF: <200 ns See Typical Characteristics | |
| 6 | Operational Input Power: | 40 W Max. | 40 Watts (CW) See Typical Characteristics | |
| 7 | Peak Power: | 300 W Max. | 300 Watts See Typical Characteristics | |
| 8 | Pulse Width: | 10 μs Max. | 10 μs See Typical Characteristics | |
| 9 | Duty Cycle: | 13% Max. | 13% See Typical Characteristics | |
| 10 | DC Supply: | +5 VDC TO +15 VDC @ 65 mA MAX -5 VDC TO -15 VDC @ 65 mA MAX | +5 TO +15 VDC @ 7 mA -5 TO -15 VDC @ 19 mA | |
| 11 | Control: | TTL "0" → (J1-J2) TTL "1" → (J1-J3) | TTL "0" → (J1-J2) TTL "1" → (J1-J3) | PMI QA4 |

QA/QC Approval: *Cameron Kelso*

Date: 06/13/2024

