Quantic PMI
PLANAR MONOLITHICS

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

**Customer:** [redacted]
**SO No:** [redacted]
**Model No:** P2T-8G18G-50-R-SFFF
**Serial No:** PL63184/2643

**Tested By:** OLIVER K
**Temperature:** +25°C
**Date:** 10/19/2026
**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 QA5 |
| 2 | Insertion Loss: | 3.0 dB MAX | 2.91 dB<br>See Plot | |
| 3 | Isolation: | 50dB Min | 51 dB Typ.<br>See Plot | |
| 4 | VSWR: | 2.0:1 MAX | In 1.79:1<br>See Plot | |
| 5 | Switching Speed: | 200 ns MAX | ON: <50 ns<br>OFF: <200 ns<br>See Typical Characteristics | |
| 6 | Operational Input Power: | 40 W Max. | 40 Watts (CW)<br>See Typical Characteristics | |
| 7 | Peak Power: | 300 W Max. | 300 Watts<br>See Typical Characteristics | |
| 8 | Pulse Width: | 10 µs Max. | 10 µs<br>See Typical Characteristics | |
| 9 | Duty Cycle: | 13% Max. | 13%<br>See Typical Characteristics | |
| 10 | DC Supply: | +5 VDC TO +15 VDC @ 65 mA MAX<br>-5 VDC TO -15 VDC @ 65 mA MAX | +5 TO +15 VDC @ 7 mA<br>-5 TO -15 VDC @ 19 mA | |
| 11 | Control: | TTL "0" → (J1-J2)<br>TTL "1" → (J1-J3) | TTL "0" → (J1-J2)<br>TTL "1" → (J1-J3) | PMI QA5 |

QA/QC Approval: [signature]

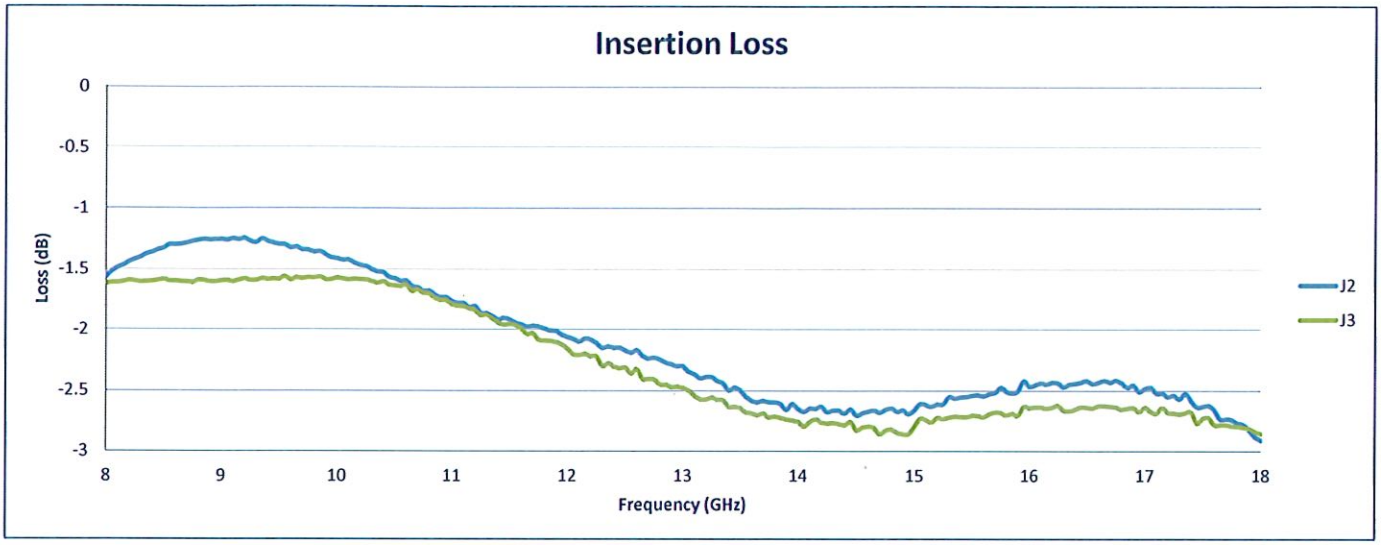
Date: 10/19/26

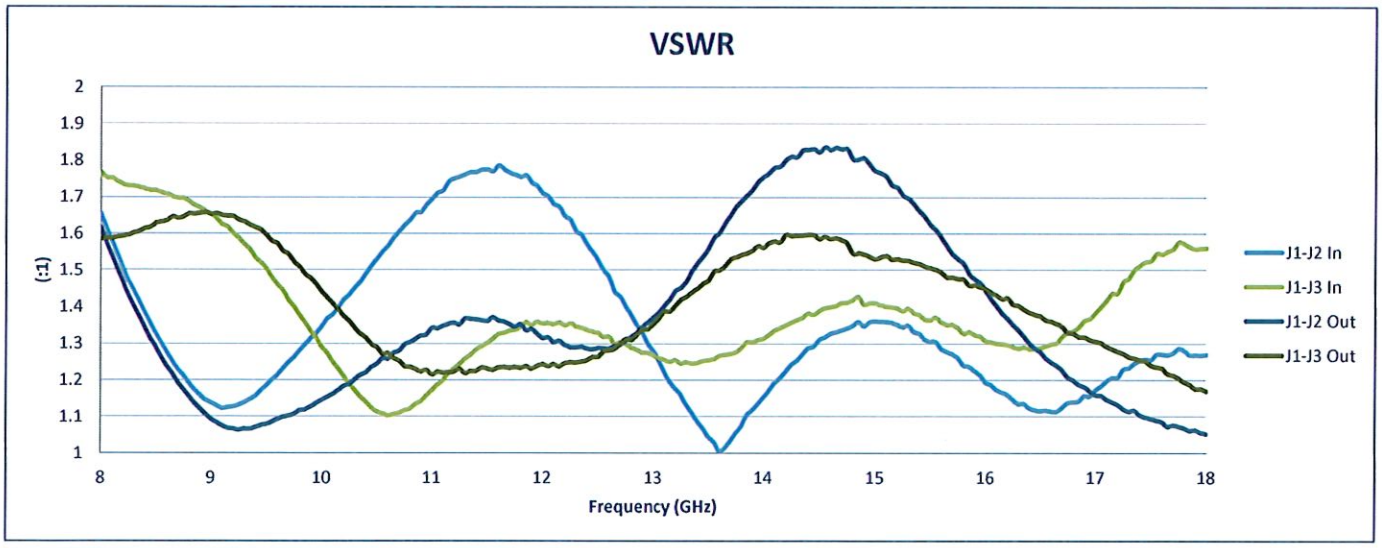
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

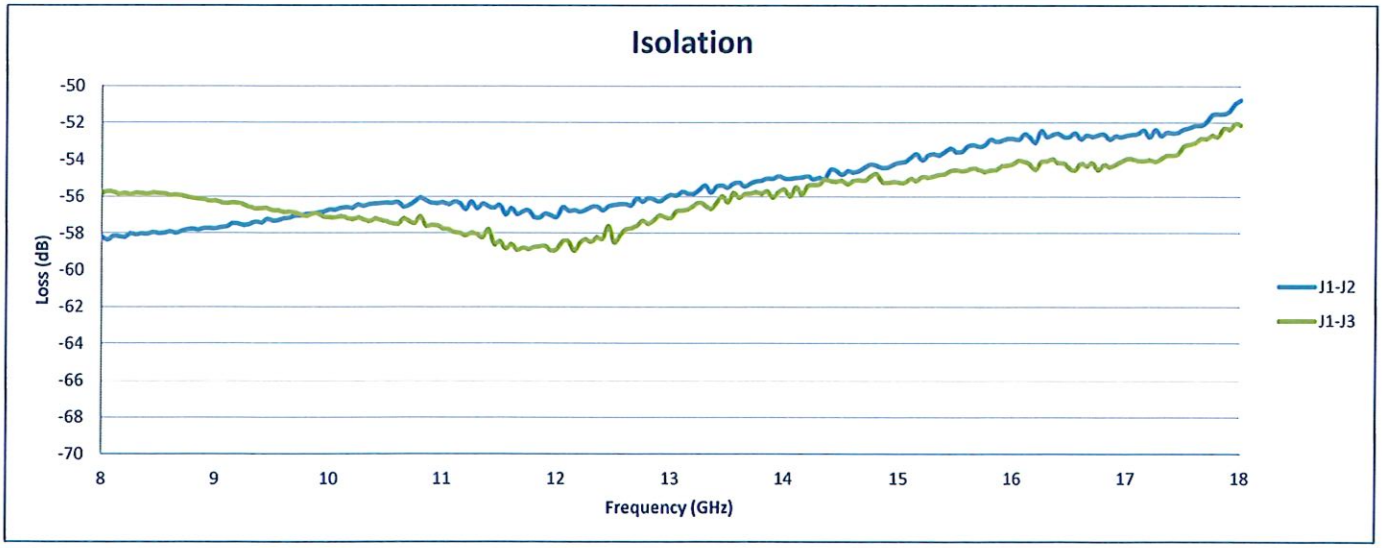
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# SUMMARY TEST DATA
# ON
# P2T-8G18G-50-R-SFFF

PL63184/2643




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