Quantic PMI
PLANAR MONOLITHICS

# SUMMARY TEST DATA ON P2T-1840-60-R-1W-292FF

Customer:
SO No:
Model No: P2T-1840-60-R-1W-292FF
Serial No: PL44793/2409

Tested By: S. O'Neill
Temperature: 25°C
Date: 2/29/2024
Drawing No: 27647060 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range | 18 GHz to 40 GHz | 18 GHz to 40 GHz | PMI QA2 |
| 2 | Insertion Loss (@ +25°C) | 3.25 dB Typ.<br>3.5 dB Max. | 3.36 dB | |
| 3 | Operating Power CW | 1 Watts Max | Pass See Typical Characteristics | |
| 4 | VSWR: In/Out | 2.5:1 Max.<br>2:1 Typ. | 1.94:1 In<br>2.06:1 Out | |
| 5 | Isolation | 60 dB Min. | 63 dB | |
| 6 | Switching Speed | 500 ns Max.<br>100 ns Typ. | Pass See Typical Characteristics | |
| 7 | Control Signal | TTL LOGIC<br>'1' : J1-J2 Low Loss<br>'0' : J1-J3 Low Loss | Pass | |
| 8 | Power Supply | 12 V @ 100 mA Max.<br>-15 V @ 50 mA Max. | 12 V @ 20 mA<br>-15 V @ 20 mA | PMI QA2 |

QA/QC Approval: PMI QA2 Date: 2/29/2024

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

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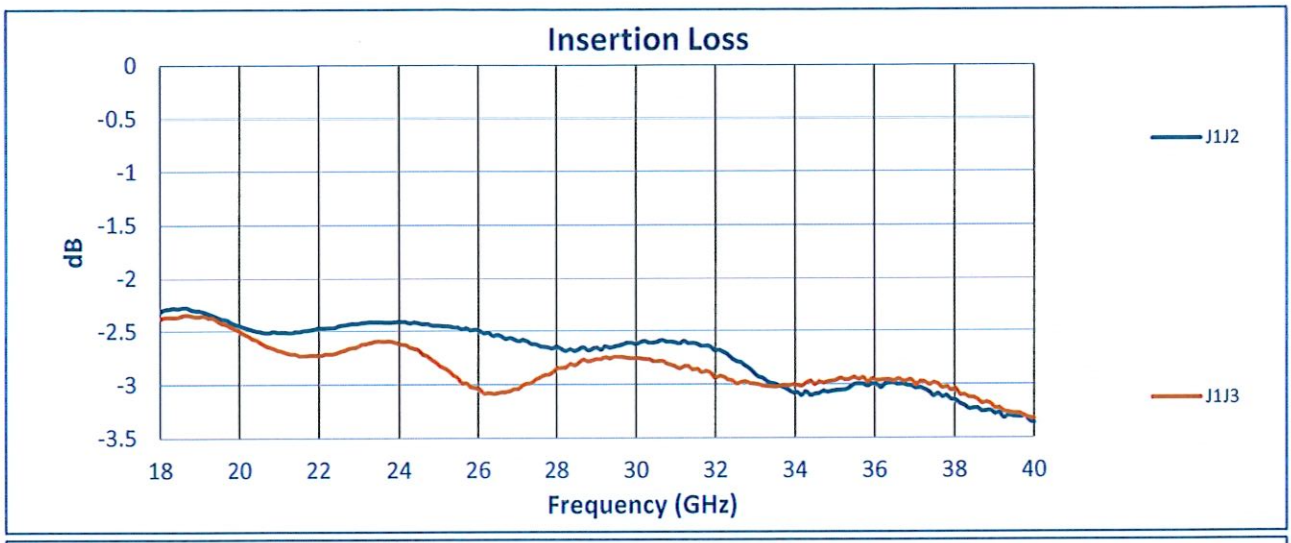


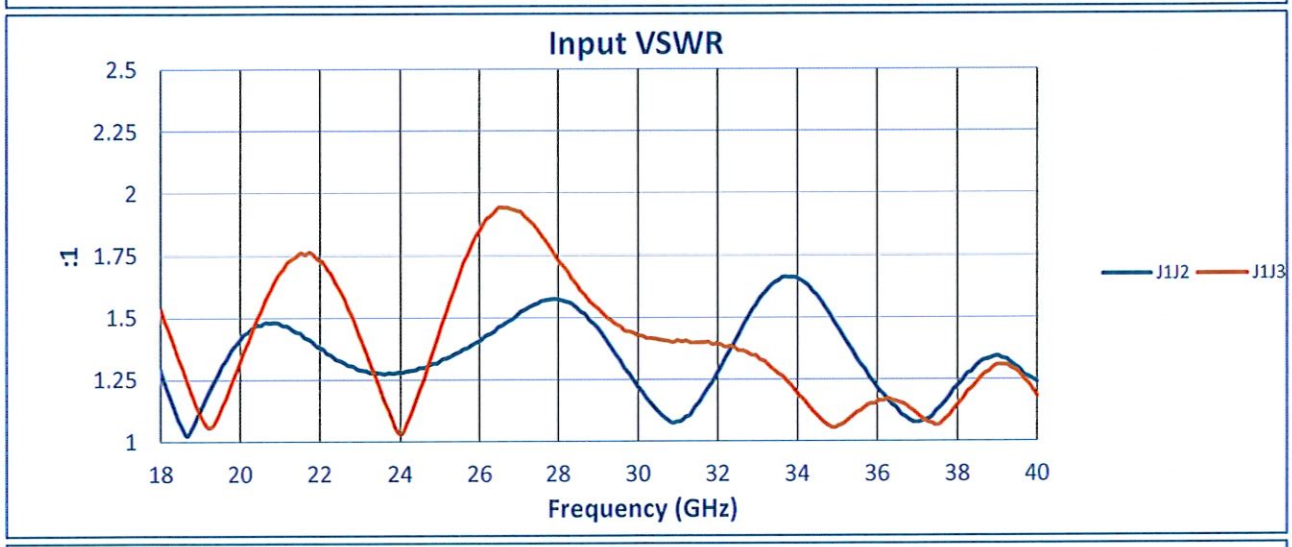


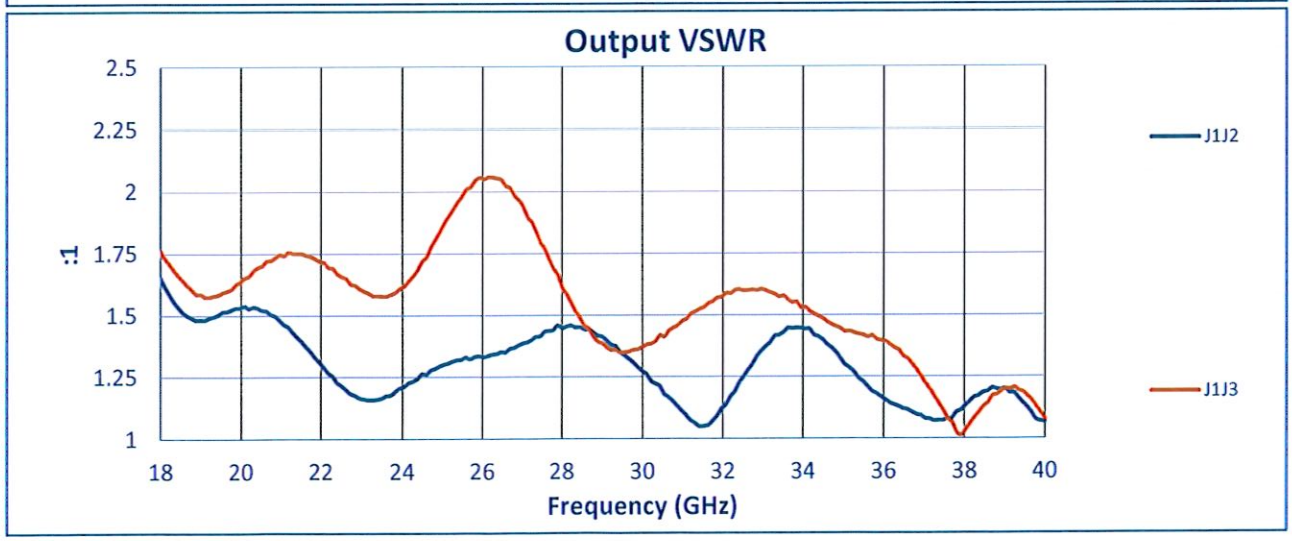


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# ON
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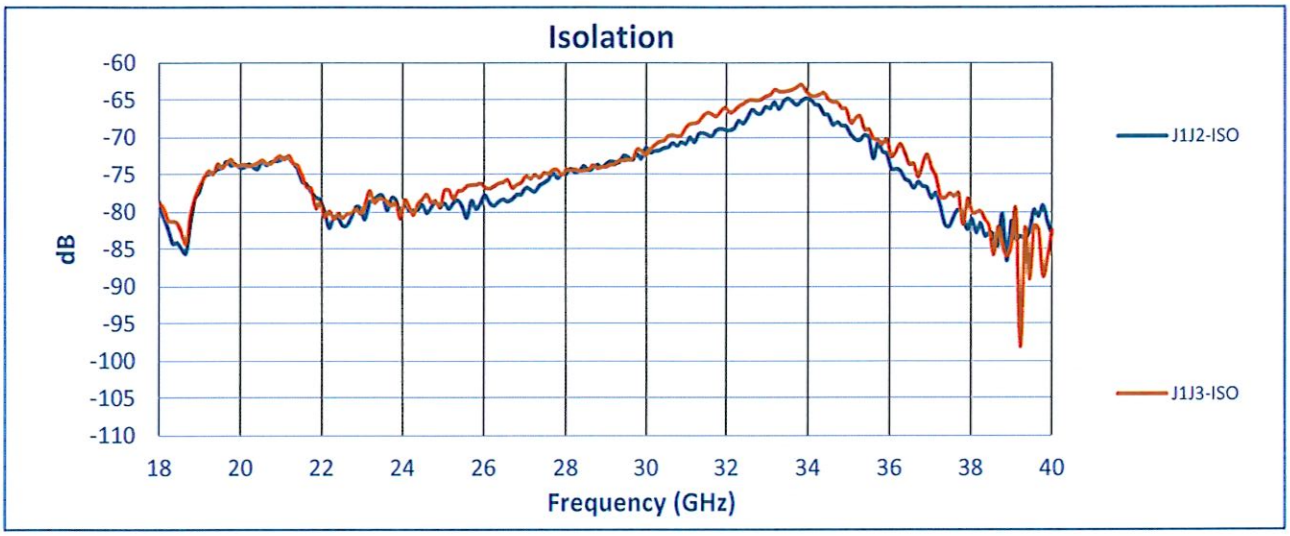


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