Quantic PMI
PLANAR MONOLITHICS

# SUMMARY TEST DATA
# ON
# P6T-2G18G-55-R-512-SFF-ROHS

**Customer:**
**SO No:**
**Model No:** P6T-2G18G-55-R-512-SFF-ROHS
**Serial No:** PL63435/2644

**Tested By:** L. McGraw
**Temperature:** 25°C
**Date:** 10/29/2026
**Drawing No:** 27644960 **Rev:** A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC |
|---|---|---|---|---|
| 1 | Frequency Range | 2 GHz to 18 GHz | **2 GHz to 18 GHz** | PMI QA8 |
| 2 | Insertion Loss | 7 dB Max. | **5.13 dB** | |
| 3 | Input Power | +10 dBm CW Max Operating<br>+25 dBm CW Max Survival | **Pass See Typical Characteristics** | |
| 4 | VSWR: In/Out | 2.0:1 Max. | **1.92:1 In**<br>**1.96:1 Out** | |
| 5 | Isolation | 55 dB Min. | **61.2 dB** | |
| 6 | Switching Speed Max | 15 ns Max. | **Pass See Typical Characteristics** | |
| 7 | Video Transients | 15 mv P-P Max. | **Pass See Typical Characteristics** | |
| 8 | Video Transients Spectral Content | -60 dBm Max.<br>-65 dBm Typ. | **Pass See Typical Characteristics** | |
| 9 | Power Supply | +5 V @ 200 mA Max.<br>-12 V @ 60 mA Max. | **5 V @ 70 mA**<br>**-12 V @ 20 mA** | PMI QA8 |

**QA/QC Approval:** PMI QA8 **Date:** 10-29-26

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

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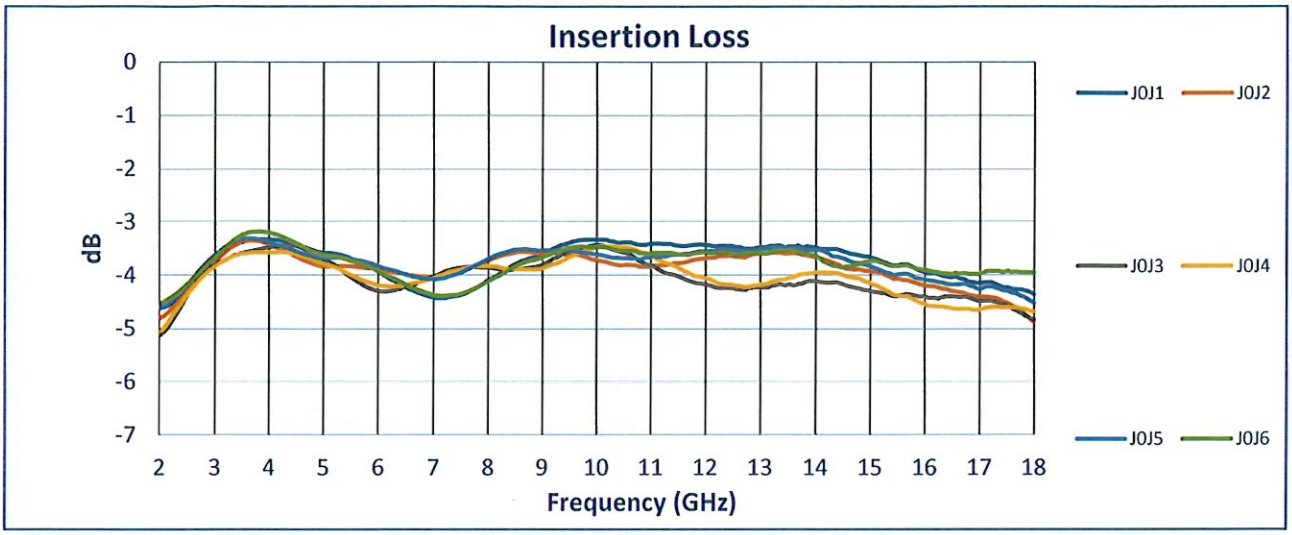


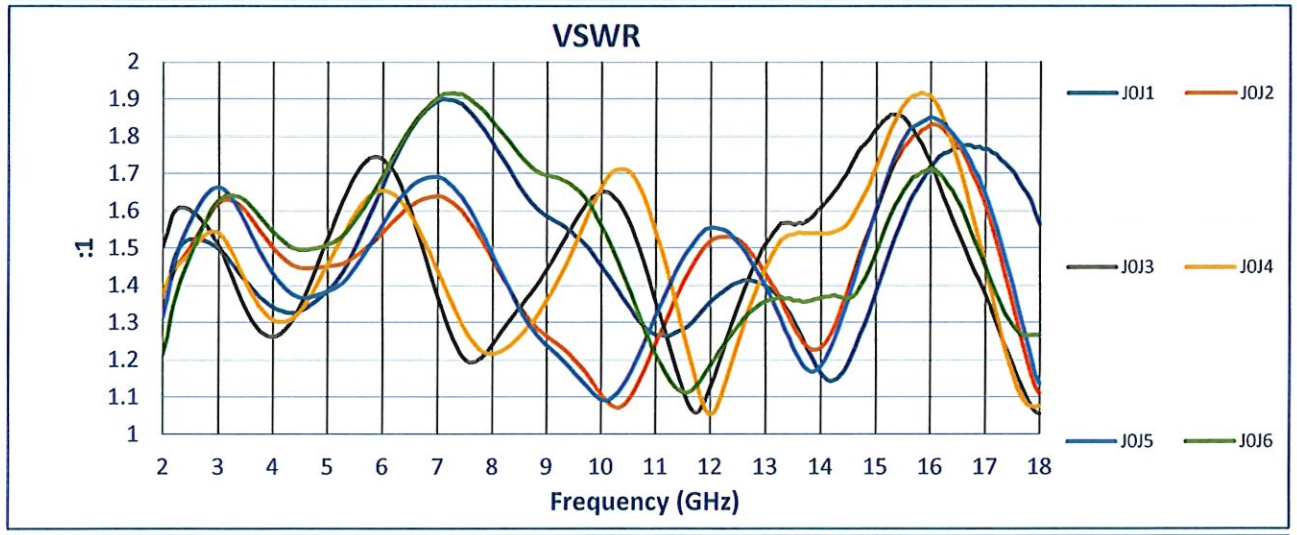


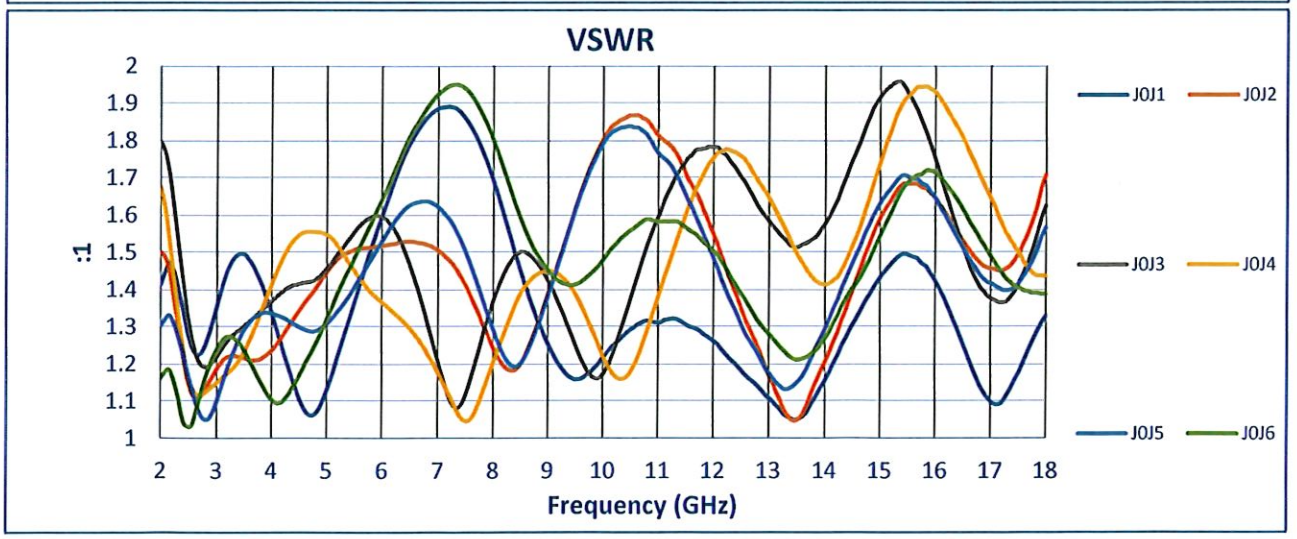



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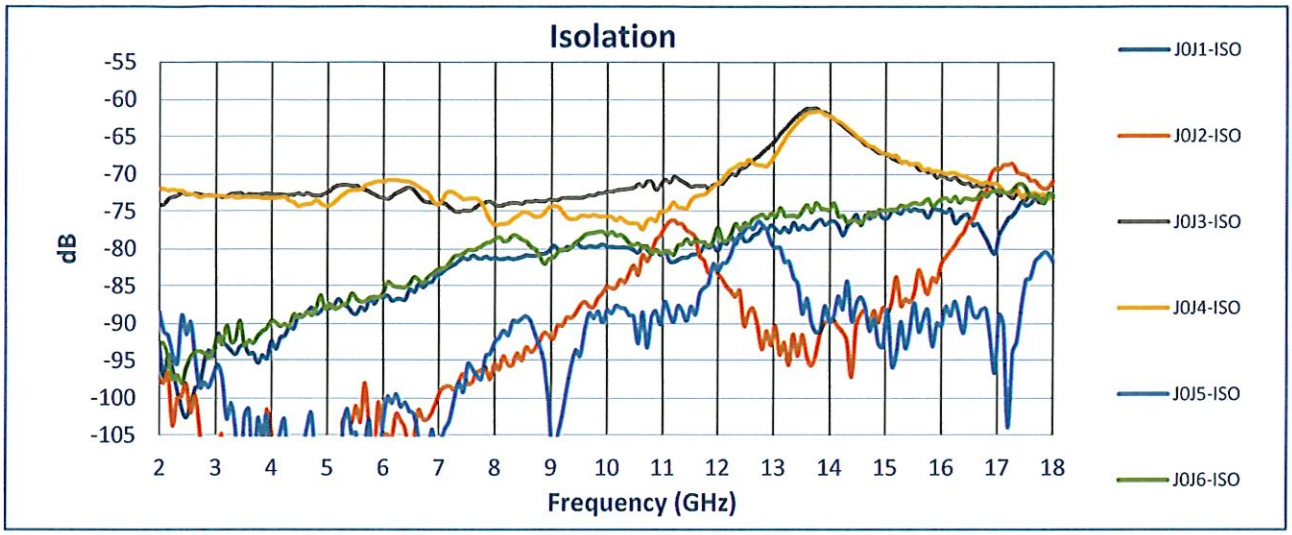


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