



**SUMMARY TEST DATA**  
**ON**  
**PEC-20M3G-3T-SFF-LV-ROHS**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PEC-20M3G-3T-SFF-LV-ROHS  
 Serial No: PL45002/2411

Tested By: S. O'Neill  
 Temperature: 25 °C  
 Date: 3/11/2023  
 Drawing No: 27643560 Rev: A1

| TEST ITEM NO. | PARAMETERS           | SPECIFIED VALUE  | TEST RESULTS                        | QA QC      |
|---------------|----------------------|--|-------------------------------------|------------|
| 1             | Frequency Range:     | 20 MHz to 3.0 GHz  | 20 MHz to 3.0 GHz                   | PMI<br>QA2 |
| 2             | Insertion Loss:      | 0.02 - 1.0 GHz 2.0 dB Max.<br>1.0 - 2.0 GHz 2.5 dB Max.<br>2.0 - 3.0 GHz 4.0 dB Max.                             | 1.91 dB<br>1.87 dB<br>3.4 dB        | PMI<br>QA2 |
| 3             | Isolation:           | 0.02-1.0 GHz 70dB Min.<br>1.0 - 2.0 GHz 60dB Min.<br>2.0 - 3.0 GHz 50 dB Min.                                    | 85.5 dB<br>82.89 dB<br>71.89 dB     |            |
| 4             | VSWR: (0.02-3.0 GHz) | 2.0:1 Max.   | 1.91:1<br>See Plot                  |            |
| 6             | Video Transients     | ABOVE 20 MHz -100 dBm<br>BELOW 20 MHz -75 dBm  | PASS<br>See Typical Characteristics |            |
| 7             | Control              | TTL1 "0", TTL2 "0" J1-J4<br>TTL1 "0", TTL2 "1" J2-J4<br>TTL1 "1", TTL2 "0" J3-J4<br>TTL1 "1", TTL2 "1" UNDEFINED | PASS                                |            |
| 8             | Power Supply:        | +5V @ 250 mA Max.<br>-12V @ 120 mA Max.  | +5V @ 140 mA<br>-12V @ 110 mA       |            |

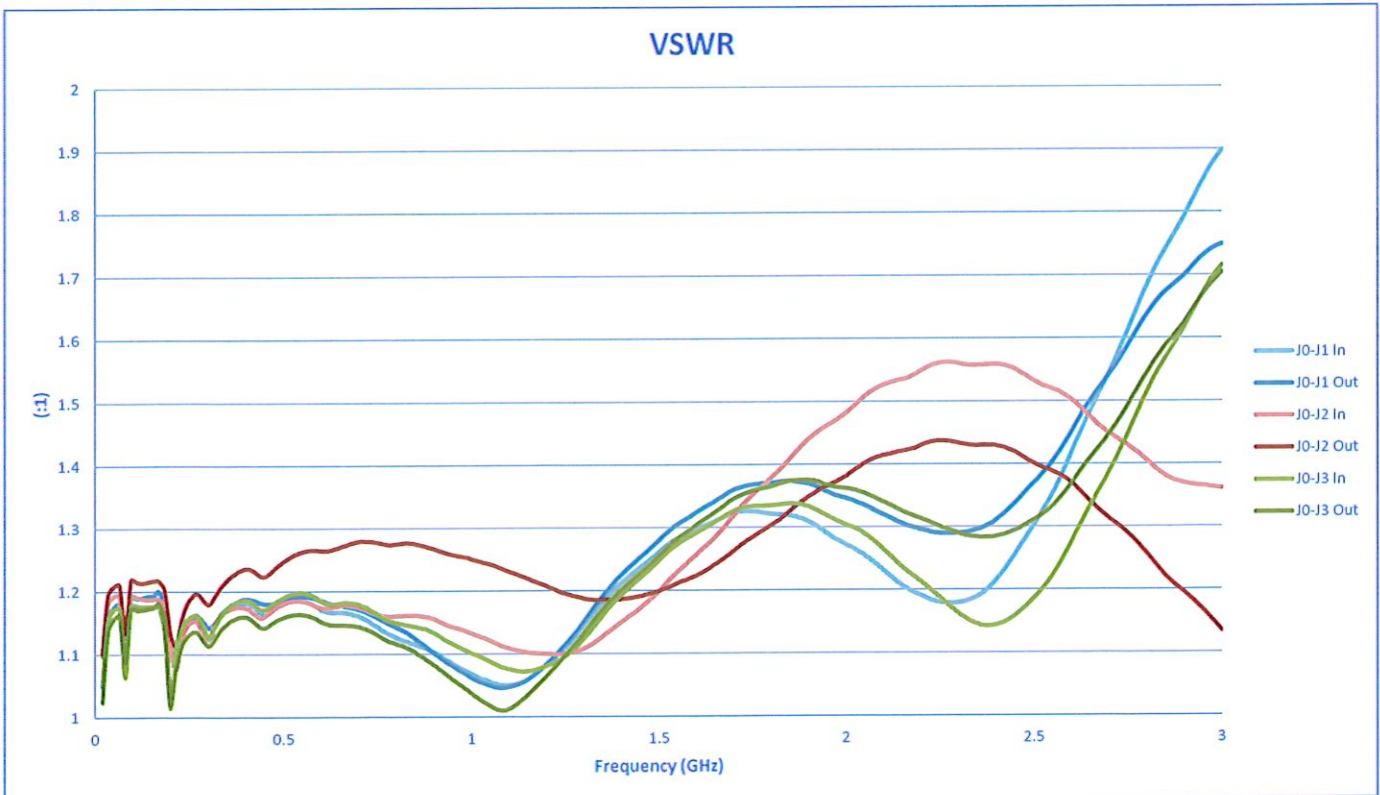
QA/QC Approval:  PMI  
QA2

Date: 3/11/2024



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