



**SUMMARY TEST DATA**  
**ON**  
**P1T-DC40G-65-T-292FF-1NS**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P1T-DC40G-65-T-292FF-1NS  
 Serial No: PL36871/2224

Tested By: L. McGraw  
 Temperature: +25° C  
 Date: 6/7/2022  
 Drawing No: 27621866      Rev: A3

| TEST ITEM NO. | PARAMETERS       | SPECIFIED VALUE                                      | TEST RESULTS                           | QA QC       |             |
|---------------|------------------|--|--|-------------|-------------|
| 1             | Frequency Range: | DC to 40 GHz   | DC to 40 GHz                           | PMI<br>QA 2 |             |
| 2             | Isolation:       | 65 dB Typ, 55 dB Min.                                | 60 dB<br>See Plot                      |             |             |
| 3             | Insertion Loss:  | 5.5 dB Typ, 6.8 dB Max.                              | 5.87 dB<br>See Plot                    |             |             |
| 4             | VSWR:<br>In/Out  | 2.0:1 Typ, 2.2:1 Max.                                | 1.66:1 In<br>1.82:1 Out<br>See Plot    |             |             |
| 5             | Input Power:     | +17 dBm CW Max.                                      | +17 dBm                                |             |             |
| 6             | Switching Speed: | 5 ns Typ, 6 ns Max.                                  | <3 ns<br>See Typical Characteristics   |             |             |
| 7             | Rise/Fall Time:  | 0.9 ns Typ, 1.0 ns Max                               | <0.7 ns<br>See Typical Characteristics |             |             |
| 8             | Control Signal:  | TTL "1" On   | Pass                                   |             |             |
| 9             | DC Voltage:      | +8 to +15 V @ 15 mA Max.<br>-8 to -15 V @ 40 mA Max. | 8 mA +V<br>26 mA -V                    |             | PMI<br>QA 2 |

QA/QC Approval:        PMI QA 2

Date: 6/9/2022



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