



**SUMMARY TEST DATA  
ON  
P1T-12G18G-65-T-SFF**

PL20578/1709

Customer: \_\_\_\_\_ Tested By: Jerry N.  
SO No: \_\_\_\_\_ Temperature: +25°C  
Model No: P1T-12G18G-65-T-SFF Date: 03/01/17  
Serial No: PL20578/1709 Drawing No: 27626381 Rev: A1

| TEST.<br>ITEM NO | PARAMETERS      | SPECIFIED VALUE                                     | TEST<br>RESULTS                      | QA<br>QC |
|------------------|-----------------|-----------------------------------------------------|--------------------------------------|----------|
| 1                | Frequency Range | 12.0 TO 18.0 GHz                                    | 12.0 TO 18.0 GHz                     |          |
| 2                | Insertion Loss  | 2.8 dB Max                                          | 2.49 dB<br>(See Plot)                |          |
| 3                | VSWR            | 2.0:1 Max                                           | 1.55 :1<br>(See Plot)                |          |
| 4                | Isolation       | 65 dB Min                                           | 90.31 dB<br>(See Plot)               |          |
| 5                | Switching Speed | 50 ns Max                                           | 22 ns<br>See Typical Characteristics |          |
| 6                | Input Power     | +30dBm Max (Survival)<br>+20dBm Max (Operating)     | Pass                                 |          |
| 7                | DC Supply       | +5VDC @ 20 mA Typ<br>-15VDC @ 40 mA Typ             | 105 mA<br>58 mA                      |          |
| 8                | Control Signal  | TTL "0" → (Insertion Loss)<br>TTL "1" → (Isolation) | Pass                                 |          |

QA/QC Approval: \_\_\_\_\_ Date: \_\_\_\_\_



# SUMMARY TEST DATA ON P1T-12G18G-65-T-SFF

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## (J1 – J2) Insertion Loss and Return Loss



## (J1 – J2) Isolation and Termination Return Loss

