

DESCRIPTION:

PMI MODEL P2T-100M18G-60-T-515-1B-SFF-4W IS A 100 MHz TO 18 GHz, ABSORPTIVE, SP2T SWITCH FEATURING 4 W CW POWER HANDLING, 200 ns SWITCHING SPEED, AND 60 dB ISOLATION.

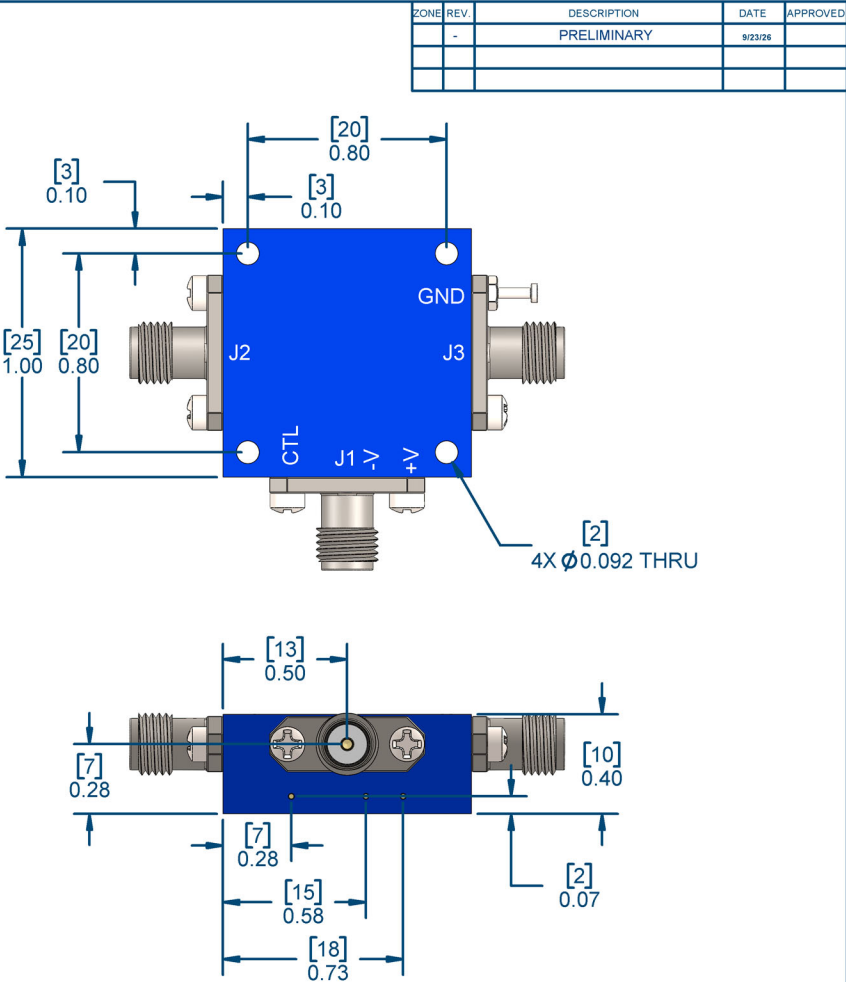
SPECIFICATIONS:

- FREQUENCY RANGE: 100 MHz TO 18 GHz
- INSERTION LOSS: 3.5 dB MAX
- VSWR (IN/OUT): 2.0:1 MAX
- ISOLATION: 60 dB MIN
- OPERATING INPUT POWER: 4 W CW MAX
- SWITCHING SPEED: 200 ns MAX
- POWER SUPPLY : +5 & -15 VDC
- CONTROL: TTL LOGIC  
LOGIC "0" = J1-J2 ON  
LOGIC "1" = J1-J3 ON
- CONNECTORS: RF: SMA FEMALE  
POWER & CONTROL: SOLDER PINS
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)  
-55°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202, METHOD 103 COND. B
- SHOCK: MIL-STD-202, METHOD 213 COND. B
- VIBRATION: MIL-STD-202, METHOD 204 COND. B
- ALTITUDE: MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107 COND. A

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



PMI CONFIDENTIAL AND PROPRIETARY

|                                                                                                                                                             |             |           |                                                                                                                                                                                                                                                                                                                                                          |                   |                        |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|--------------|
| <div>UNLESS OTHERWISE SPECIFIED<br/>DIMENSIONS ARE IN INCHES<br/>TOLERANCES ARE:<br/>FRACTIONS DECIMALS ANGLES<br/>± .XX ± .002 ±<br/>± .XXX ± .001 ±</div> |             |           | <div><br/>7300 S. FARM ROAD, RICHMOND, KY 40366 USA<br/>TEL: 502.261.1234 FAX: 502.261.1235<br/>WWW.PMI.COM E-MAIL: SALES@PMI.COM<br/>7300 S. FARM ROAD, RICHMOND, KY 40366 USA<br/>TEL: 502.261.1234 FAX: 502.261.1235<br/>WWW.PMI.COM E-MAIL: SALES@PMI.COM</div> |                   |                        |              |
|                                                                                                                                                             | APPROVALS   | DATE      |                                                                                                                                                                                                                                                                                                                                                          |                   |                        |              |
|                                                                                                                                                             | DRAWN<br>AG | 9/23/26   | TITLE<br>PRELIMINARY OUTLINE<br>P2T-100M18G-60-T-515-1B-SFF-4W                                                                                                                                                                                                                                                                                           |                   |                        |              |
|                                                                                                                                                             | REDRAWN     |           |                                                                                                                                                                                                                                                                                                                                                          |                   |                        |              |
|                                                                                                                                                             | ISSUED      |           | SIZE<br>B                                                                                                                                                                                                                                                                                                                                                | FSCM NO.<br>05XQ0 | DWG NO.<br>PRELIMINARY | REV.<br>-    |
|                                                                                                                                                             |             | SCALE 2:1 |                                                                                                                                                                                                                                                                                                                                                          |                   |                        | SHEET 1 OF 1 |