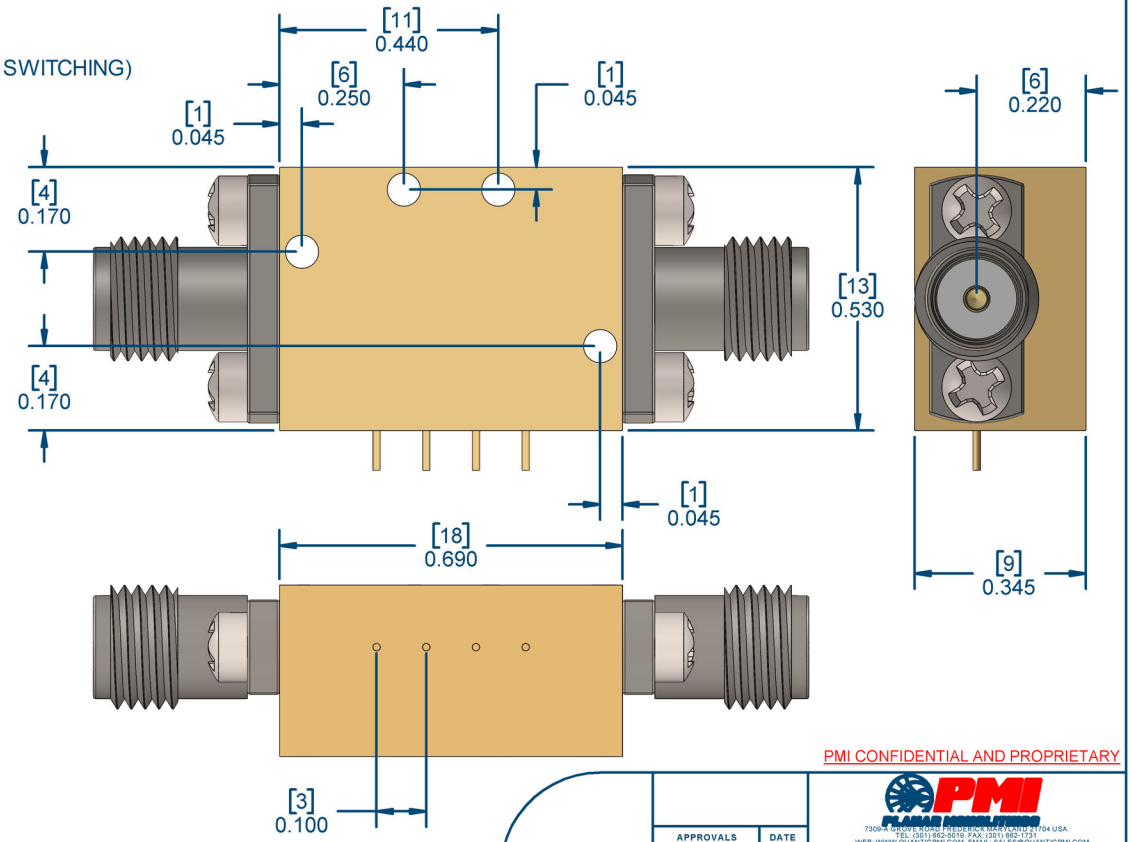
DESCRIPTION:

PMI MODEL P1T-9D5G10D2G-45-T-SFF IS A 9.5 TO 10.2 GHz, ABSORPTIVE, SPST SWITCH. THIS SWITCH FEATURES 4 dB INSERTION LOSS, 45 dB ISOLATION, AND ns SWITCHING SPEEDS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	10/12/26	

SPECIFICATIONS:

- FREQUENCY RANGE: ——— 9.5 TO 10.2 GHz
- INSERTION LOSS: ——— 4 dB MAX
- VSWR: ——— 1.5:1 MAX
- ISOLATION: ——— 45 dB MIN
- INPUT POWER: ——— 24 dBm MAX
  (THROUGH, TERMINATED, AND HOT SWITCHING)
- RISE/FALL TIME: ——— 3 ns TYP
- ON/OFF TIME: ——— 20 ns TYP
- POWER SUPPLY : ——— +3.15 TO +3.45 VDC @ 0.14 mA TYP
  -3.15 TO -3.45 VDC @ 0.51 mA TYP
- CONTROL: ——— LOGIC "0" = 0 TO +0.8 VDC
  LOGIC "1" = +1.2 TO +3.3 VDC
- CONNECTORS: ——— SMA FEMALE
- FINISH: ——— GOLD PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE: ——— -5°C TO +50°C (OPERATING)
  -25°C TO +60°C (STORAGE)

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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± | DECIMALS .XX ± 0.02 .XXX ± 0.01 | ANGLES ±

APPROVALS	DATE
DRAWN AG	10/12/26
REDRAWN	
ISSUED	

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ISO 9001 CERTIFIED

TITLE: PRELIMINARY OUTLINE
P1T-9D5G10D2G-45-T-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	-

SCALE 4:1 | SHEET 1 OF 1