

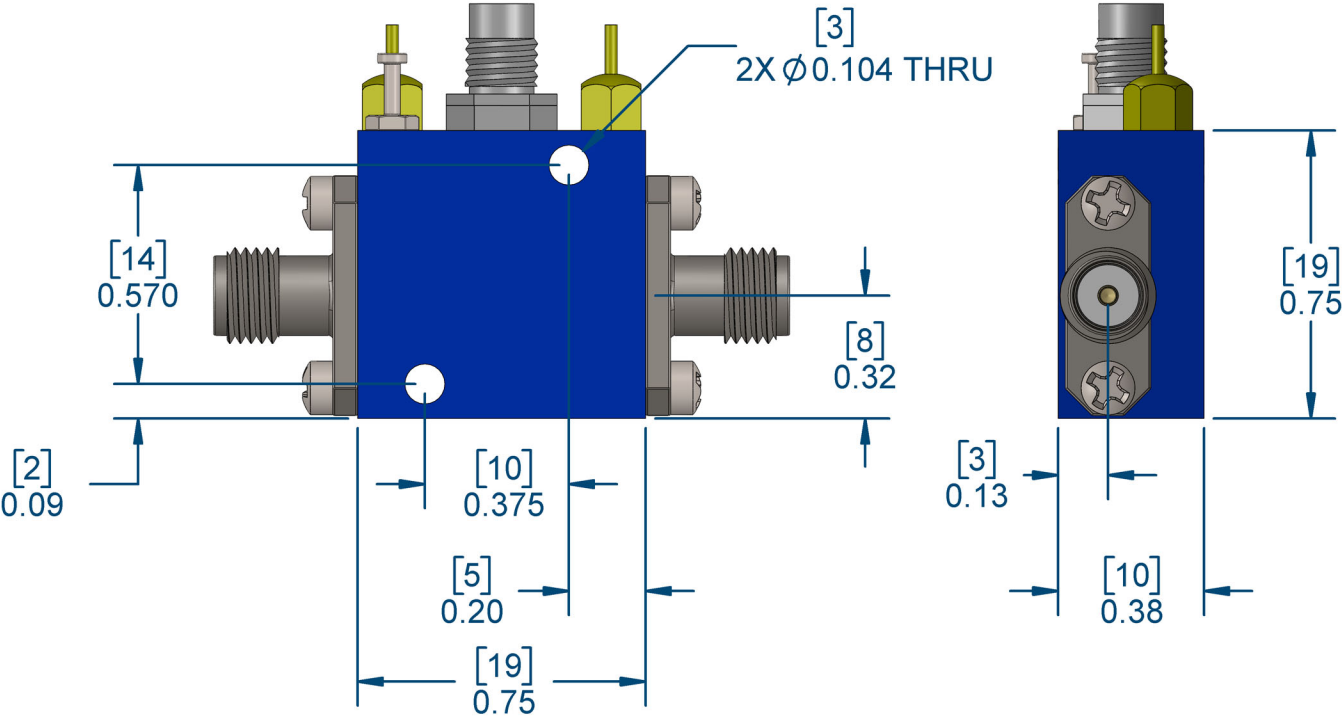
DESCRIPTION:

PMI MODEL P1T-5G6G-80-512-R-SFF IS A REFLECTIVE 5 TO 6 GHz SPST SWITCH FEATURING 80 dB ISOLATION, 30 ns SWITCHING SPEED, AND 1 W CW POWER HANDLING.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/22/26	

SPECIFICATIONS:

- FREQUENCY RANGE: 5 TO 6 GHz
- INSERTION LOSS: 1.5 dB MAX
- VSWR (ON/OFF): 1.9:1 MAX
- CHANNEL ISOLATION: 80 dB MIN
- RF INPUT POWER: 1 W CW MAX
2 W PEAK MAX
- SWITCHING SPEED: 30 ns MAX
- POWER SUPPLY : +5 VDC ± 5% @ 65 mA TYP
-12 to -15 VDC @ 20 mA TYP
- CONTROL: TTL LOGIC
LOGIC "0" = SWITCH ON
LOGIC "1" = SWITCH OFF
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +110°C (OPERATING)
-65°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									
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			 7309-A GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED						
	APPROVALS		DATE		TITLE PRELIMINARY OUTLINE P1T-5G6G-80-512-R-SFF				
	DRAWN AG		9/22/26						
	REDRAWN								
	ISSUED					SIZE B	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
					SCALE 2:1		SHEET 1 OF 1		