

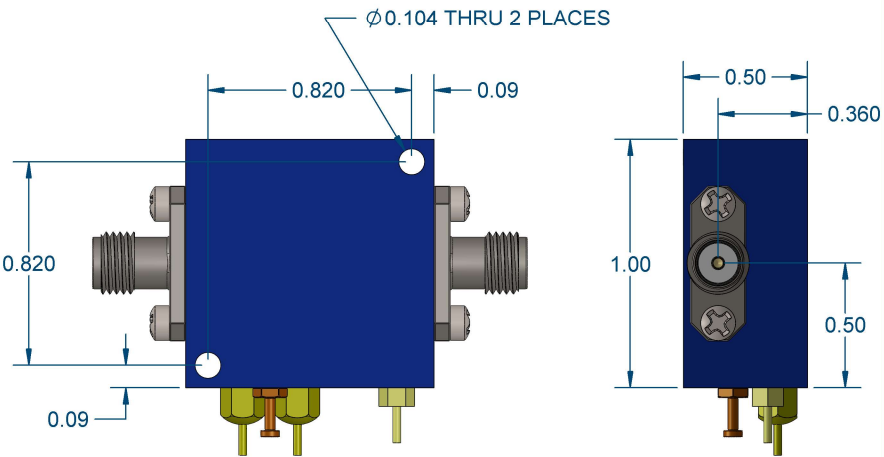
DESCRIPTION:

PMI MODEL P1T-7G10G-80-T-SFF IS A 7 TO 10 GHz, ABSORPTIVE, SPST SWITCH FEATURING 80 dB ISOLATION, 50 ns DELAY, AND 3.5 dB INSERTION LOSS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/17/26	

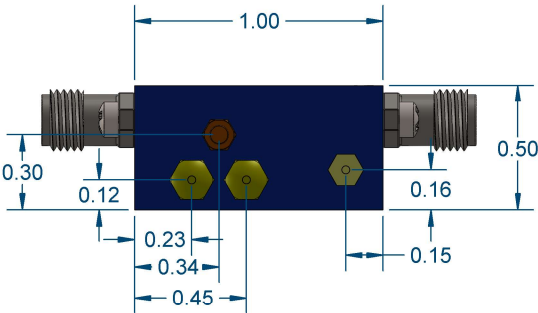
SPECIFICATIONS:

- FREQUENCY RANGE: 7 TO 10 GHz
- INSERTION LOSS: 3.5 dB MAXIMUM, 3.0 dB TYPICAL
- ISOLATION: 80 dB MINIMUM
- VSWR: IN/OUT, OUT/OFF: 2.0:1
- DELAY ON/OFF: 50 ns MAXIMUM
- POWER SUPPLY : +5 VDC @ 100 mA MAX
-5 VDC @ 50 mA MAX
- CONTROL: TTL LOGIC "0" = ON "1" = OFF
- VIDEO TRANSIENTS: 5 mV PEAK TO PEAK @ 20 MHz BANDWIDTH
- CONNECTORS: SMA FEMALE
- WEIGHT: 1.5 oz. TYPICAL
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°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



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	TITLE	
DRAWN	AG	8/17/26	PRELIMINARY OUTLINE	
REDRAWN			P1T-7G10G-80-T-SFF	
ISSUED			SIZE	FSCM NO.
			B	05XQ0
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .005 ± .002 ± .001			DWG NO.	REV.
			PRELIMINARY	-
			SCALE 2:1	SHEET 1 OF 1