

DESCRIPTION:

PMI MODEL P2T-2G18G-8055-R-SFF IS A 2 TO 18 GHz, SP2T, REFLECTIVE SWITCH FEATURING 50 ns RISE/FALL TIME, 20 dBm POWER HANDLING, AND 3.25 dB INSERTION LOSS.

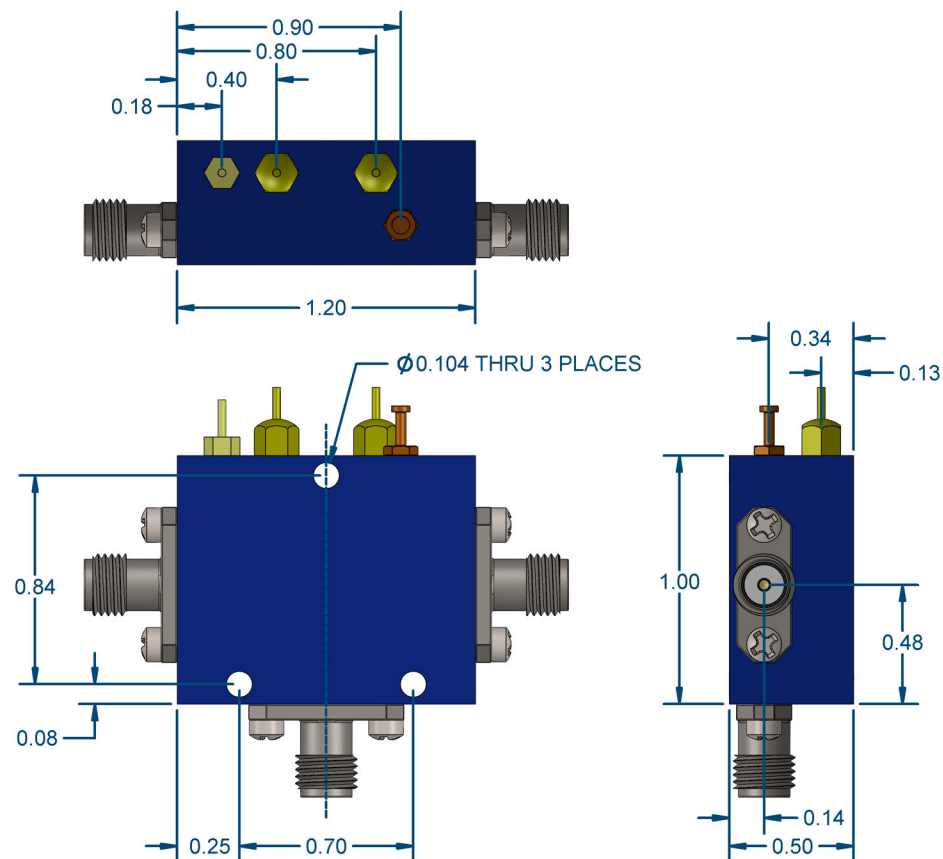
SPECIFICATIONS:

- FREQUENCY RANGE: _____ 2 TO 18 GHz
- INSERTION LOSS: _____ 3.25 dB MAXIMUM
- ISOLATION: _____ 80 dB MINIMUM @ 2 GHz
55 dB MINIMUM @ 18 GHz
- VSWR: _____ 2.0:1 MAXIMUM
- RISE TIME: _____ 50 ns MAXIMUM (10% RF TO 90% RF)
- FALL TIME: _____ 50 ns MAXIMUM (90% RF TO 10% RF)
- POWER HANDLING: _____ +20 dBm CW MAXIMUM
- DC POWER: _____ +19 VDC $\pm$ 5% @ 65 mA MAXIMUM
-19 VDC $\pm$ 5% @ 50 mA MAXIMUM
- VIDEO TRANSIENTS: _____ 50 mV P-P MAXIMUM @ 20 MHz BANDWIDTH
- CONNECTORS: _____ SMA FEMALE
- FINISH: _____ PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE: _____ -65°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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/18/26	



PMI CONFIDENTIAL AND PROPRIETARY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES XXX ± 0.02 ± XXX 2 0.01 ±		APPROVALS		DATE	PMI 7700 S. DICKERSON DRIVE, FREDERICKTOWN, MD 20636 USA TEL: (301) 692-0019, FAX: (301) 692-1721 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED PRELIMINARY OUTLINE P2T-2G18G-8055-R-SFF			
		DRAWN		AG				
		REDRAWN						
		ISSUED						
SIZE		B	FSCM NO.	05XQ0	DWG NO.	PRELIMINARY	REV.	-
SCALE		2:1				SHEET 1 OF 1		