

DESCRIPTION

PMI MODEL: P4T-500M18G-80-T-515-SFF-2W-IND IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 18.0 GHz
- INSERTION LOSS: 4.5dB TYP., 6.0dB MAX
- ISOLATION: 80dB MIN
- VSWR (ON/OFF): 2.0:1 MAX
- SWITCHING SPEED: 200ns MAX
- CONTROL LOGIC: INDIVIDUAL TTL CONTROL
"0" = LOW LOSS & "1" = ISOLATION
- OPERATING POWER: +33dBm CW MAX
- DC SUPPLY: +5 & -15VDC
- CONNECTORS IN/OUT: SMA (F) REMOVABLE
- CONTROL CONNECTORS: SOLDER PINS
- FINISH: EPOXY PAINTED BLUE

ENVIRONMENTAL RATINGS

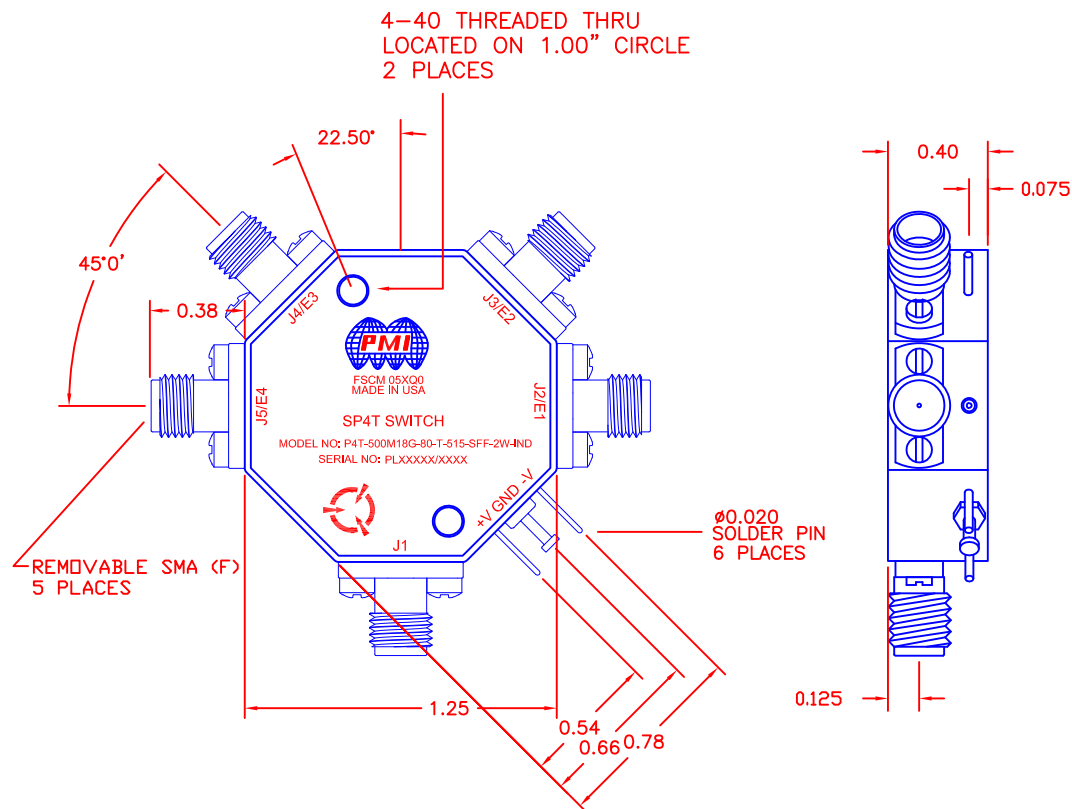
- TEMPERATURE: -40°C TO + 85°C (OPERATING)
-55°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202G, METHOD 103B COND. B
- SHOCK: MIL-STD-202G, METHOD 213B COND. B
- VIBRATION: MIL-STD-202G, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202G, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202G, METHOD 107G COND.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

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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	ORIGINAL RELEASE	12/23/14
	A1	ECN # 15-0027	03/09/15

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN K. MASON		12/23/14		PRODUCT FEATURE P4T-500M18G-80-T-515-SFF-2W-IND			
CHECKED				SIZE A	FSCM NO. 05XQ0	DWG NO. 27024562	REV. A1
ISSUED				SCALE N:S	SHEET 1 OF 1		