

DESCRIPTION:

PMI MODEL NUMBER P3T-0R5G18G-60-T-SFF-50NS-JW IS A SINGLE POLE, THREE THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 0.5GHz TO 18.0GHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18.0 GHz
- ISOLATION: 55dB MIN.
- INSERTION LOSS: 3.75dB MAX.
- VSWR IN/OUT: 2.0:1 MAX.
- OPERATING INPUT POWER: 200mW CW MAX.
- SWITCHING SPEED: 50ns MAX. ON/OFF
15ns MAX. RISE/FALL
- DC VOLTAGE AND CURRENT: +5VDC @ 110 mA TYP.
-12VDC @ 90 mA TYP.
- CONTROL SIGNAL: THREE LINE TTL
- RF CONNECTORS: SMA FEMALE CONNECTORS
- DC CONNECTORS: SOLDER PINS
- SIZE: 1.50" X 1.00" X 0.40"
- FINISH: PAINTED GRAY

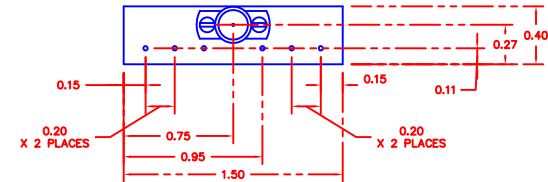
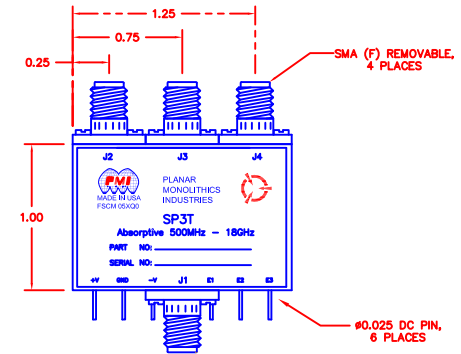
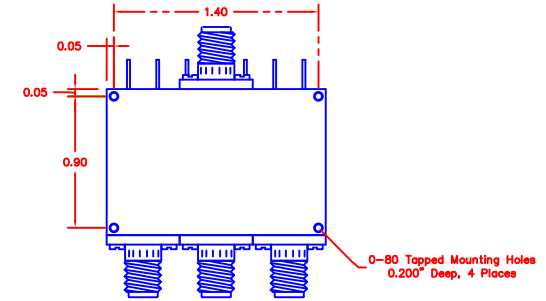
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -45°C TO +90°C (OPERATING)
-54°C TO +125°C (NON-OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-810F, METHOD 107D COND.A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	PRELIMINARY	8/15/14	



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APPROVALS		DATE	TITLE	
DRAWN <i>EMF</i>		8/15/14	PRODUCT FEATURE	
CHECKED			P3T-0R5G18G-60-T-SFF-50NS-JW	
ISSUED			SIZE A	REV. A
			FSCM NO. 05XQ0	DWG NO. PRELIMINARY
			SCALE N:S	SHEET 1 OF 1