DESCRIPTION

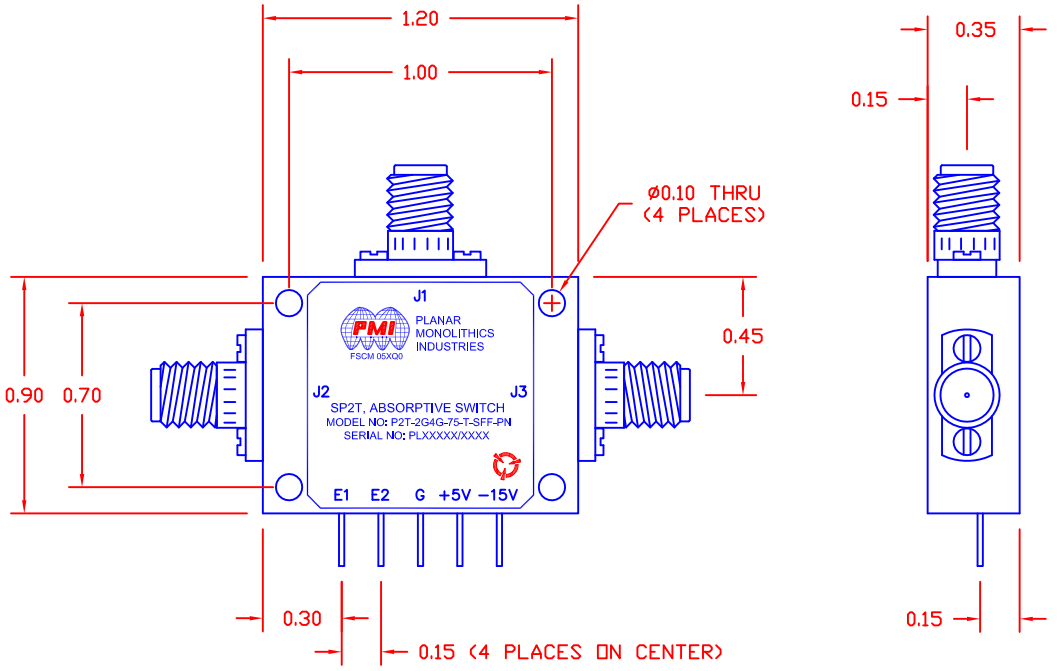
PMI MODEL NUMBER: P2T-2G4G-75-T-SFF-PN IS A SINGLE POLE, DOUBLE THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 2.0GHZ TO 4.0GHZ FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/08/15	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 GHz TO 4.0 GHz
- INSERTION LOSS: 1.2dB MAX
- ISOLATION: 75dB MIN
- VSWR: 1.6:1 MAX
- SPEED: 100ns MAX
- POWER INPUT (OPERATING): 1 WATT CW MAX.
- CONTROL: TTL LOGIC – SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 80 mA NOMINAL
  −15V @ 50 mA NOMINAL
- RF CONNECTORS: SMA FEMALE CONNECTORS
- DC CONNECTORS: SOLDER PINS
- SIZE: (L) 1.2" X (W) .9" (H) 0.35"
- FINISH: PAINTED BLUE



LOGIC TABLE		
2 BIT TTL		
E1	E2	FUNCTION
0	1	J1-J2 "Low Loss"
1	0	J1-J3 "Low Loss"

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- 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-202F, METHOD 107 COND.A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS	DATE
DRAWN GAB	9/08/15
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
P2T-2G4G-75-T-SFF-PN

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27016808	A1

SCALE N: S SHEET 1 OF 1