DESCRIPTION

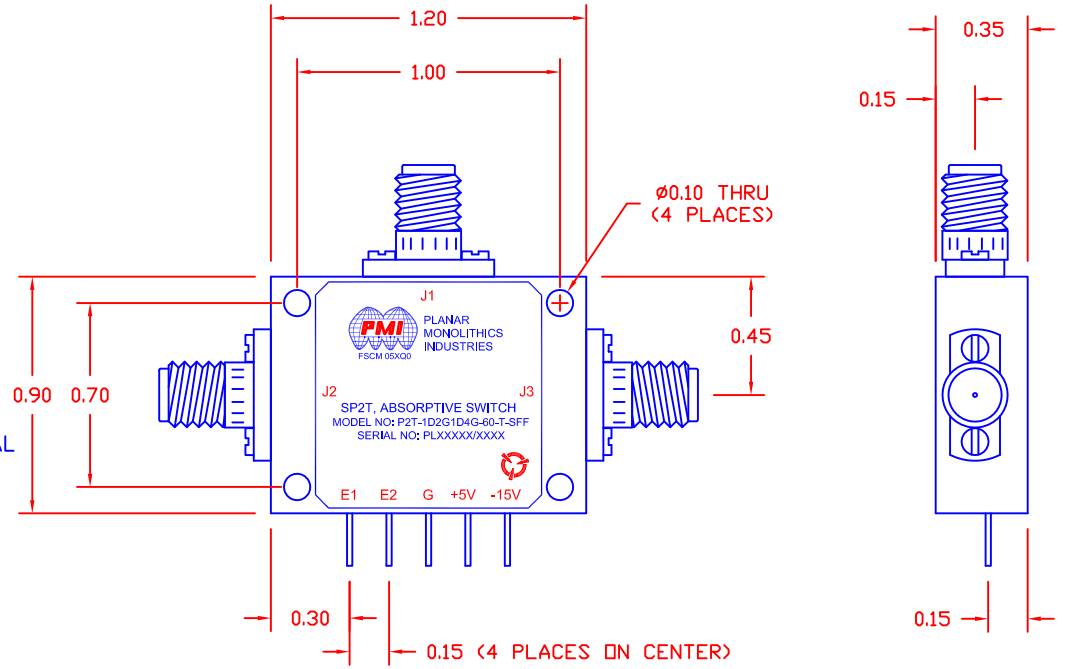
PMI MODEL NUMBER: P2T-1D2G1D4G-60-T-SFF IS A SINGLE POLE, DOUBLE THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 1.2 GHZ TO 1.4GHZ FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	PRELIMINARY	3/20/18	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 1.2 GHz TO 1.4 GHz
- INSERTION LOSS: 1.5dB MAX
- ISOLATION: 60dB MIN.
- VSWR: 1.4:1 MAX
- SPEED: 100ns MAX
- POWER INPUT (OPERATING): +20dBm CW MAX.
- CONTROL: TTL LOGIC – SEE LOGIC TABLE
- POWER SUPPLY: +5VDC @ 80 mA NOMINAL
  −12 to −15VDC @ 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 107D 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

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS	DATE
DRAWN PYH	3/20/18
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
P2T-1D2G1D4G-60-T-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	–

SCALE N: S SHEET 1 OF 1