

DESCRIPTION

PMI MODEL: P2T-1290M1/1710M-80-R-120W IS A SINGLE POLE, TWO THROW HERMETICALLY SEALED REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 1290 MHz TO 1710 MHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO HANDLE 120 WATTS OF AVERAGE INPUT POWER.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 1.29 to 1.71 GHz
- AVERAGE POWER: ----- 120W CW, (ALL VSWR CONDITIONS)
- INSERTION LOSS: ----- 0.5 dB MAX
- ISOLATION: ----- 80 dB MIN
- VSWR: ----- 1.4:1 MAX
- SWITCHING SPEED: ----- 5 us MAX
- SPURIOUS NOISE: ----- -73 dBm (OUT OF BAND) MAX
- RF CONNECTOR: ----- SMA FEMALE
- BIT/DC CONNECTOR: ----- 9 PIN MICRO D
- CONTROL: ----- TTL, "1"(J1-J2), "0"(J1-J3)
- POWER SUPPLY: ----- +50 @ 50 mA, +5V @ 200 mA
- SIZE: ----- (L) 3.75" X (W) 2.75" X (H) 0.7"
- FINISH: ----- GOLD PLATED

J4 PIN FUNCTION

PIN	FUNCTION
1	+50 V
2	GROUND
3	GROUND
4	+5 V
5	IN1
6	GROUND
7	GROUND
8	GROUND
9	GROUND

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -20 °C TO +80 °C (OPERATING)
-55 °C TO +85 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

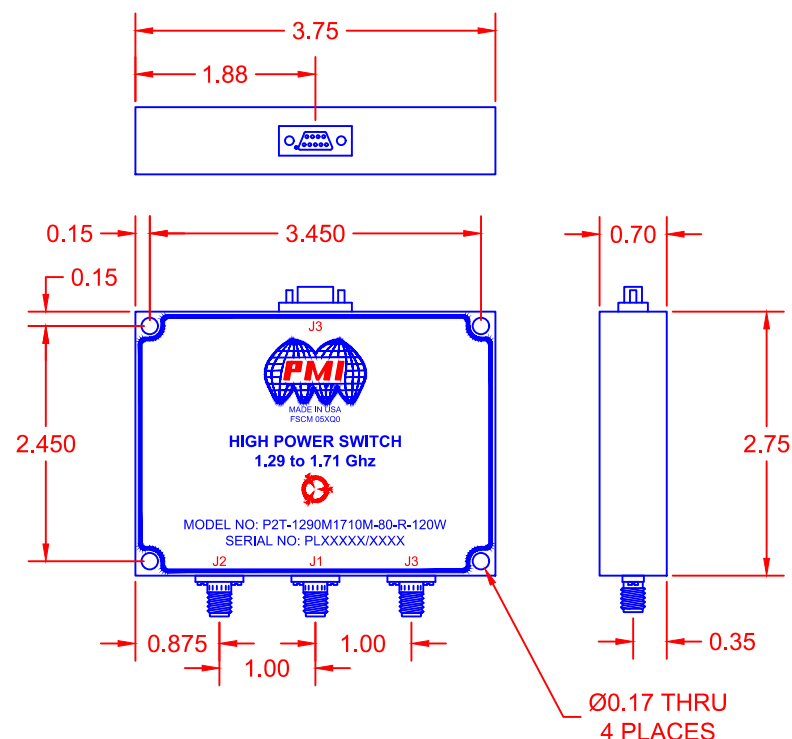
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/1/16	PK

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



		<div> <div>TITLE</div> <div>PRODUCT FEATURE</div> <div>P2T-1290M1710M-80-R-120W</div> </div>			
APPROVALS	DATE				
DRAWN <i>M&B</i>	<i>3/1/16</i>				
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REVISION -
ISSUED		SCALE N:S			SHEET 1 OF 1