

DESCRIPTION:

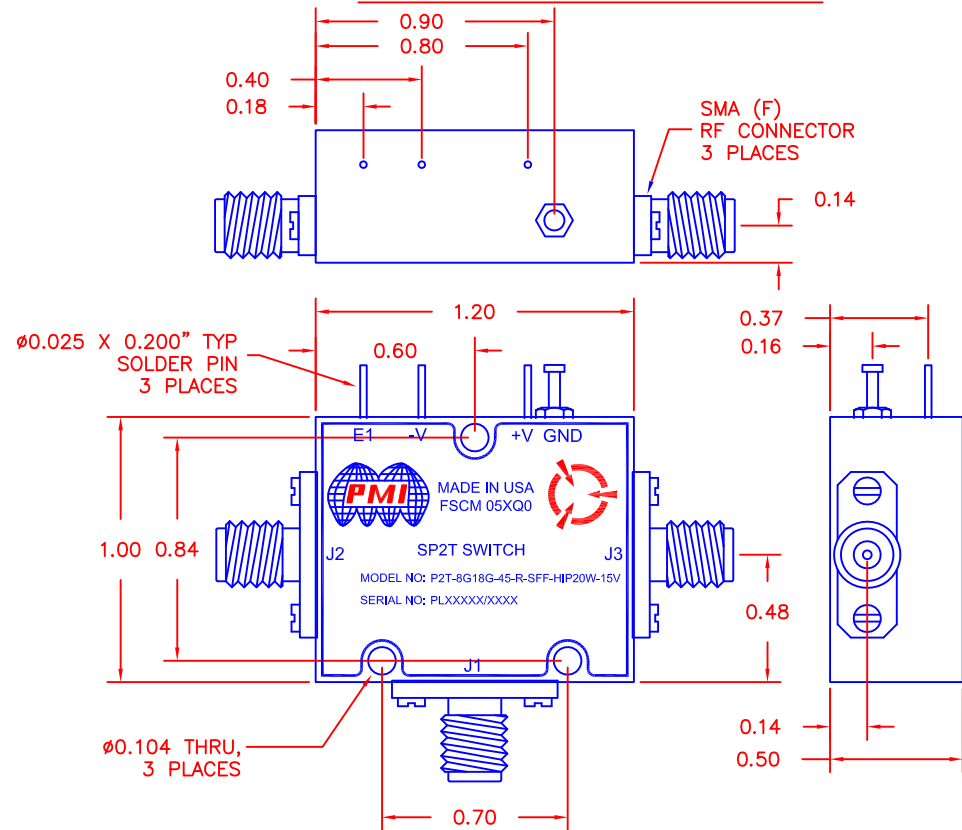
PMI MODEL: P2T-8G18G-45-R-SFF-HIP20W-15V IS A HIGH POWER (20 WATT) SINGLE POLE TWO THROW, REFLECTIVE SWITCH MODULE WITH LOW INSERTION LOSS AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 8 GHz TO 18 GHz OPERATION.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/24/16	

SPECIFICATIONS:

- FREQUENCY: 8.0 GHz TO 18.0 GHz
- INSERTION LOSS: 2.5dB Max, 2.0dB Typ
- ISOLATION: 45dB Min
- VSWR: 2.0:1 Max
- RISE TIME: 75ns Typ
- FALL TIME: 25ns Typ
- DELAY ON: 150ns Typ
- DELAY OFF: 100ns Typ
- CONTROL: TTL (SEE TABLE)
- OPERATING INPUT POWER: 20W CW Max
PRF 1MHz Max
- HOT SWITCHING: 10W CW Max
- DC SUPPLY: +15V
-15V
- CONNECTORS: SMA (F)
- SIZE: (L) 1.2" X (W) 1.0" X (H) 0.5"
- SEALING: HERMETIC
- FINISH: PAINTED BLUE

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -20°C TO +50°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

LOGIC TABLE	
E1	LOGIC
0	J1 - J2
1	J1 - J3

*E1 PULLED LOW

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

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NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

APPROVALS		DATE	TITLE			
DRAWN <i>EMF</i>		06/24/16	PRODUCT FEATURE			
CHECKED			P2T-8G18G-45-R-SFF-HIP20W-15V			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1