

DESCRIPTION

PMI MODEL: P4T-0R5G18G-60-R-SFF IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE:..... 0.5 TO 18.0 GHz
- INSERTION LOSS:..... 3dB MAX
- ISOLATION:..... 0.5 GHz TO 18 GHz: 60 dB MIN
- VSWR:..... IN / OUT: 2.0:1 Typ
- DELAY ON/OFF:..... 100 ns MAX
- INPUT POWER:..... +20 dBm CW MAX
- CONTROL:..... TTL CONTROL – SEE LOGIC TABLE
- POWER SUPPLY:..... +5VDC @ 200 mA MAX
-5VDC @ 100 mA MAX
- CONNECTORS IN/OUT:..... SMA (F) REMOVABLE
- CONTROL CONNECTORS:..... SOLDER PINS
- SIZE:..... (L) 1.25" X (W) 1.25" X (H) 0.70"
- FINISH:..... GOLD PLATED

LOGIC TABLE		
2 BIT DECODER		
E1	E2	FUNCTION
0	0	J1-J2 "Low Loss"
0	1	J1-J3 "Low Loss"
1	0	J1-J4 "Low Loss"
1	1	J1-J5 "Low Loss"

ENVIRONMENTAL RATINGS

- **TEMPERATURE:**..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- **HUMIDITY:**..... MIL-STD-202G, METHOD 103B COND. B
- **SHOCK:**..... MIL-STD-202G, METHOD 213B COND. B
- **VIBRATION:**..... MIL-STD-202G, METHOD 204D COND. B
- **ALTITUDE:**..... MIL-STD-202G, METHOD 105C COND. B
- **TEMPERATURE CYCLE:**..... MIL-STD-202G, METHOD 107G COND. A

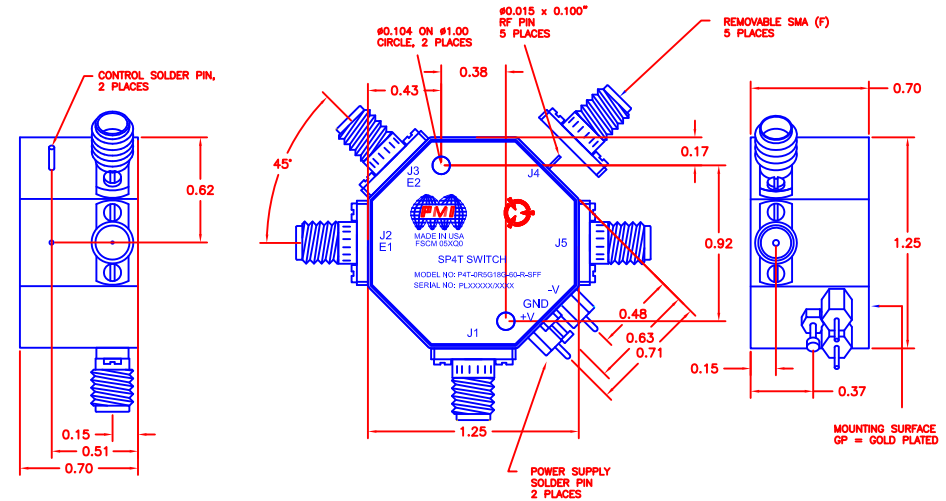
ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	Preliminary	11/19/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>JLP</i>		11/19/14	PRODUCT FEATURE P4T-0R5G18G-60-R-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIM	REV. A1
ISSUED			SCALE N:S	SHEET 1 OF 1		