

DESCRIPTION

PMI MODEL: P4T-100M2G-50-T-SFF-IN IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE: 0.1 TO 2 GHz
- INSERTION LOSS: 3dB Max
- ISOLATION: 50dB Min
- VSWR (ON/OFF): 2.0:1 Max
- SURVIVAL POWER (ON/OFF): . 1W CW
- SWITCHING SPEED (ON/OFF) . 25ns
- RISE/FALL TIME: 10ns
- CONTROL LOGIC: TTL "0" = SWITCH ON
TTL "1" = SWITCH OFF
- POWER SUPPLY: +5VDC ±5% @ 135 mA Max
-5VDC ±5% @ 65 mA Max
- CONNECTORS IN/OUT: SMA (F) REMOVABLE
- POWER + CONTROL: SOLDER PINS
- SIZE: (L) 1.0" X (W) 1.2" X (H) 0.24"
- FINISH: PAINTED GRAY

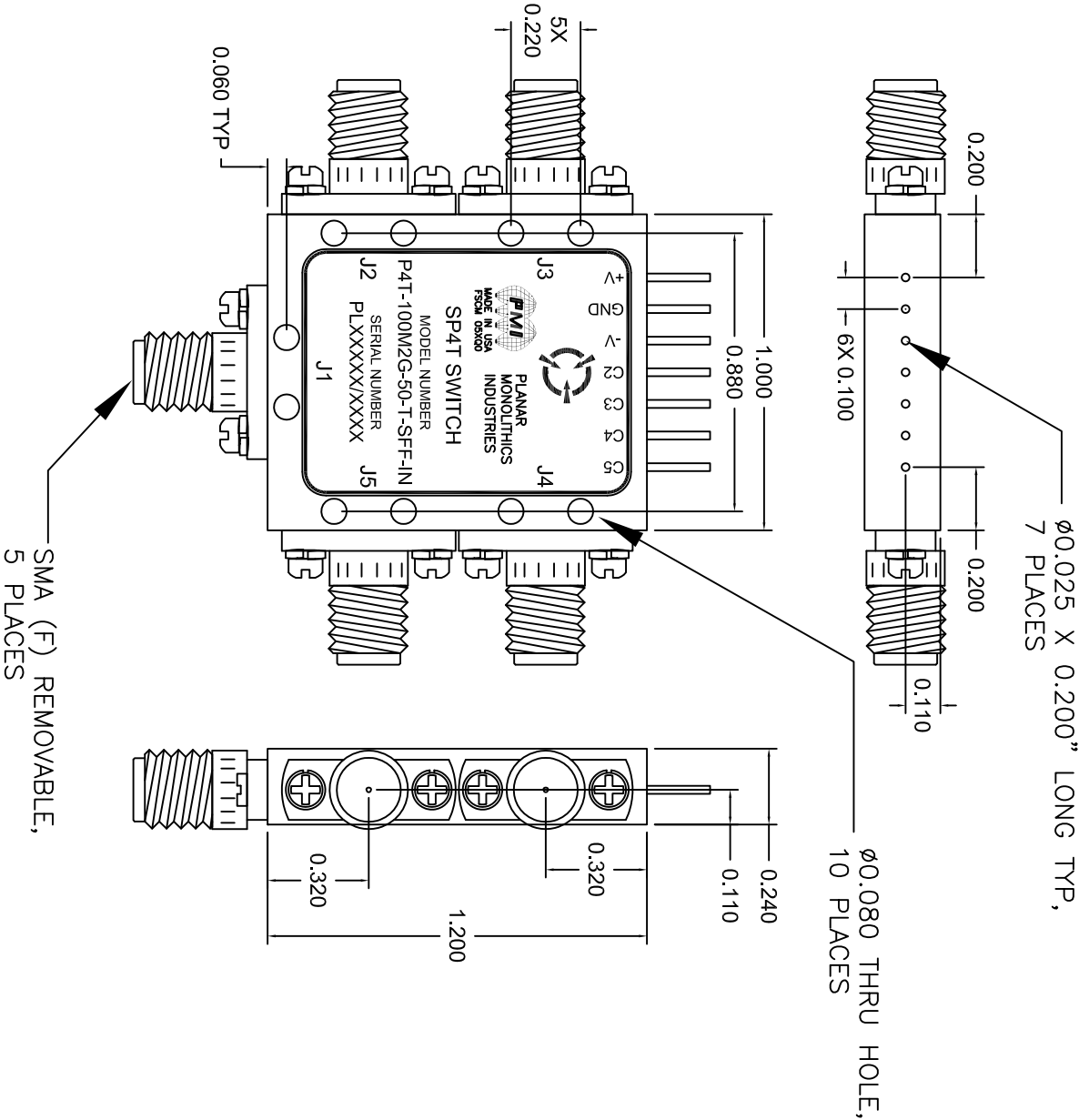
ENVIRONMENTAL RATINGS

- TEMPERATURE: -45°C TO +70°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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	11/30/12

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001:2000 CERTIFIED



PRODUCT FEATURE

P4T-100M2G-50-T-SFF-IN

APPROVALS

DATE

DRAWN

11/30/12

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SIZE

FSCM NO.

DWG NO.

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TITLE

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