

DESCRIPTION

PMI MODEL P2T-8G12G-100-T-55-SFF IS A SINGLE POLE TWO THROW, HIGH POWER ABSORPTIVE SWITCH MODULE WITH VERY HIGH ISOLATION, LOW LOSS, HIGH SPEED AND WITH INTEGRAL TTL DRIVER.

SPECIFICATIONS

- FREQUENCY: 8 GHz TO 12 GHz
- INSERTION LOSS: 3.0dB Typ, 5.0dB Max
- ISOLATION: 100dB Min
- VSWR: 2.0:1 Max
- SWITCHING SPEED: 100ns Max
- CONTROL LOGIC: SINGLE CONTROL TTL TOGGLE
LOGIC "0" = J1 - J2 ON
LOGIC "1" = J1 - J3 ON
- RF CONNECTORS: SMA FEMALE
- POWER SUPPLY: +5V @ 200 mA Max
-5V @ 100 mA Max
- OPERATING INPUT POWER: +15 dBm Max
- SIZE: 1.2" (L) X 1.00" (W) X 0.50" (H)
- WEIGHT: 1.2 oz
- FINISH: PAINTED GRAY

ENVIRONMENTAL RATINGS

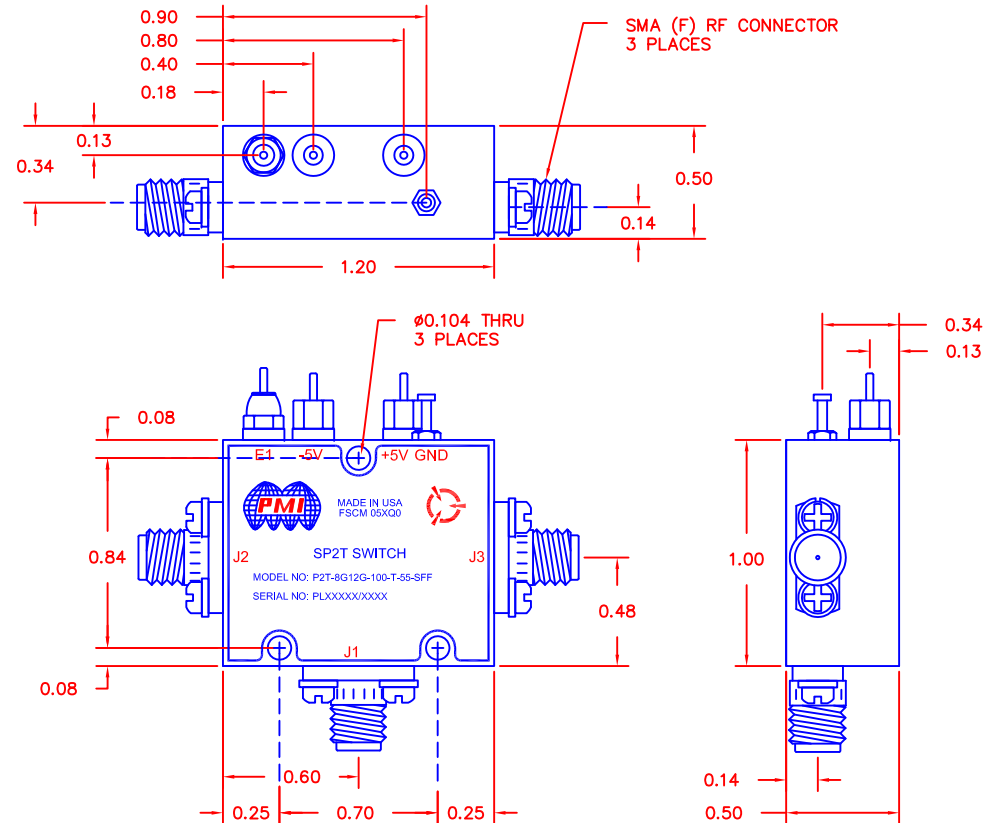
- TEMPERATURE: 0°C TO + 55°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	08/08/12	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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APPROVALS		DATE	TITLE			
DRAWN <i>flk</i>		08/08/12	PRODUCT FEATURE P2T-8G12G-100-T-55-SFF			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27017141	A
			SCALE	N: S		SHEET 1 OF 1