

DESCRIPTION

PMI MODEL P2T-8G11G-90-T-SFF IS AN ABSORPTIVE, SINGLE POLE, TWO THROW PIN DIODE SWITCH THAT OPERATES OVER THE 8.0 GHZ TO 11.0 GHZ FREQUENCY RANGE. THIS MODEL INCORPORATES A TTL COMPATIBLE DRIVER FOR EASY SYSTEM INTEGRATION.

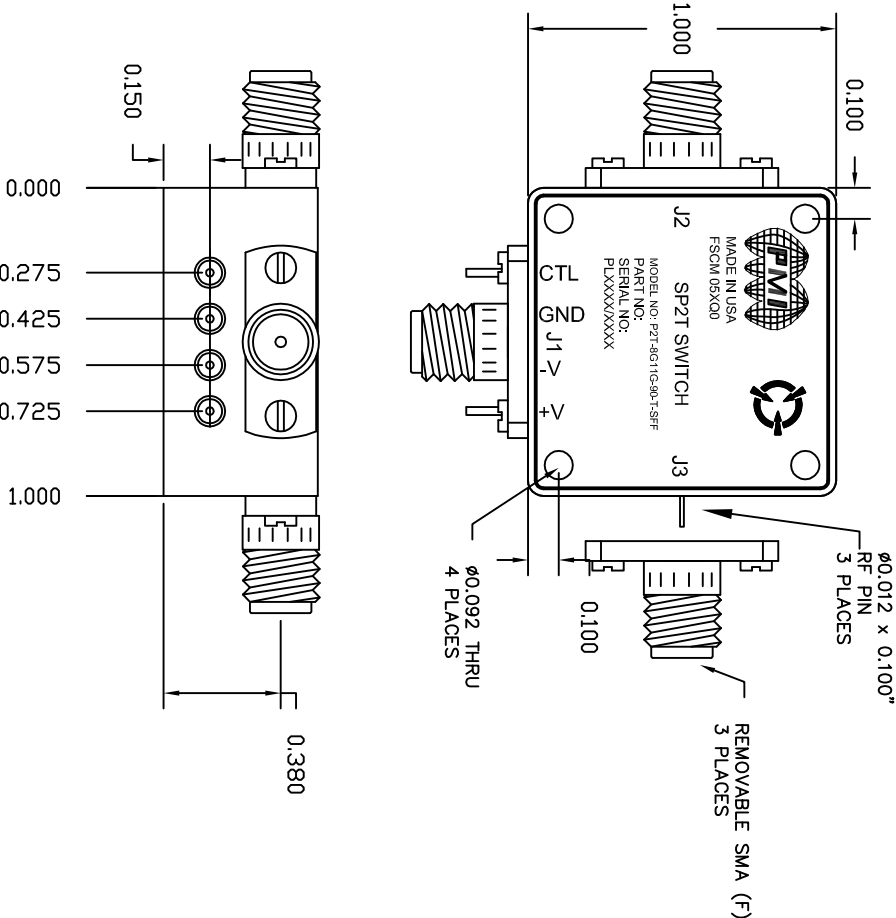
SPECIFICATIONS

- FREQUENCY RANGE:..... 8.0 TO 11.0 GHZ
- ISOLATION:..... 90 DB MIN
- INSERTION LOSS:..... 2.5 DB TYP, 3.5 DB MAX
- VSWR IN / OUT:..... 2.0 : 1 MAX
- INPUT POWER:..... +20 dBm CW MAX (OPERATING)
- SURVIVAL POWER:..... 1W PEAK 1 μsec
- SWITCHING SPEED:..... 50 nsec MAX.
- DC SUPPLY:..... +5VDC @ 200 mA MAX
-5VDC @ 100 mA MAX
- CONTROL SIGNAL:..... TTL LOGIC
SEE LOGIC TABLE
- CONNECTORS IN/OUT:..... SMA FEMALE CONNECTORS
- CONTROL CONNECTORS:..... SOLDER PINS
- FINISH: MIL-SPEC EPOXY PAINT - GRAY

LOGIC TABLE			
CTL	J1 - J2	J1 - J3	
0	ON	OFF	
1	OFF	ON	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	04/11/11	

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-55°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

NOTE: SPECIFICATIONS WILL VARY DVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE DR REVISION

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.010
X.XXX ±0.005

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APPROVALS

DATE

DRAWN

04/11/11

CHECKED

ISSUED

TITLE

PRODUCT FEATURE

P2T-8G11G-90-T-SFF

SIZE

FSCM NO.

DWG NO.

A

05X00

27014261

SCALE

N:S

SHEET

1 OF 1

REV.

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