

DESCRIPTION:

PMI MODEL NUMBER P4T-2G18G-60-T-5-5-SFF IS A SINGLE POLE, FOUR THROW ABSORPTIVE SWITCH DESIGNED TO OPERATE OVER THE 2GHZ TO 18GHZ FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

SPECIFICATIONS:

- FREQUENCY: 2.0 GHZ TO 18.0 GHZ
- INSERTION LOSS: 3.8dB TYPICAL
- ISOLATION: 60dB MINIMUM
- VSWR: 2.0:1
- SPEED: 50ns MAXIMUM
- POWER INPUT: 100 mW CW MAXIMUM
- CONTROL: TTL LOGIC - SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 175 mA NOMINAL
-5V @ 45 mA NOMINAL
- CONNECTORS: SMA FEMALE CONNECTORS
- CONNECTORS: MICRO SUB-D 9 PIN

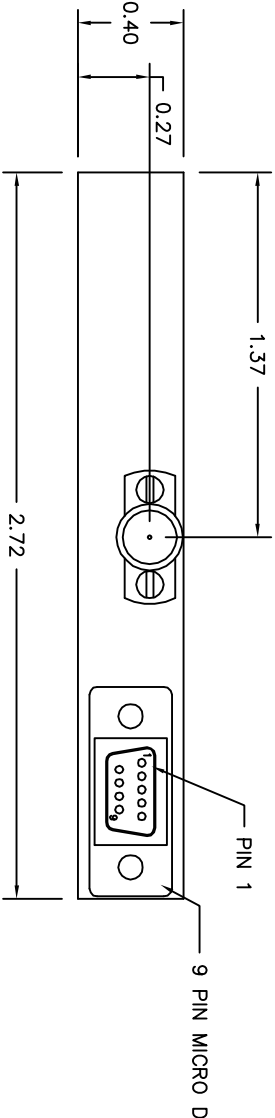
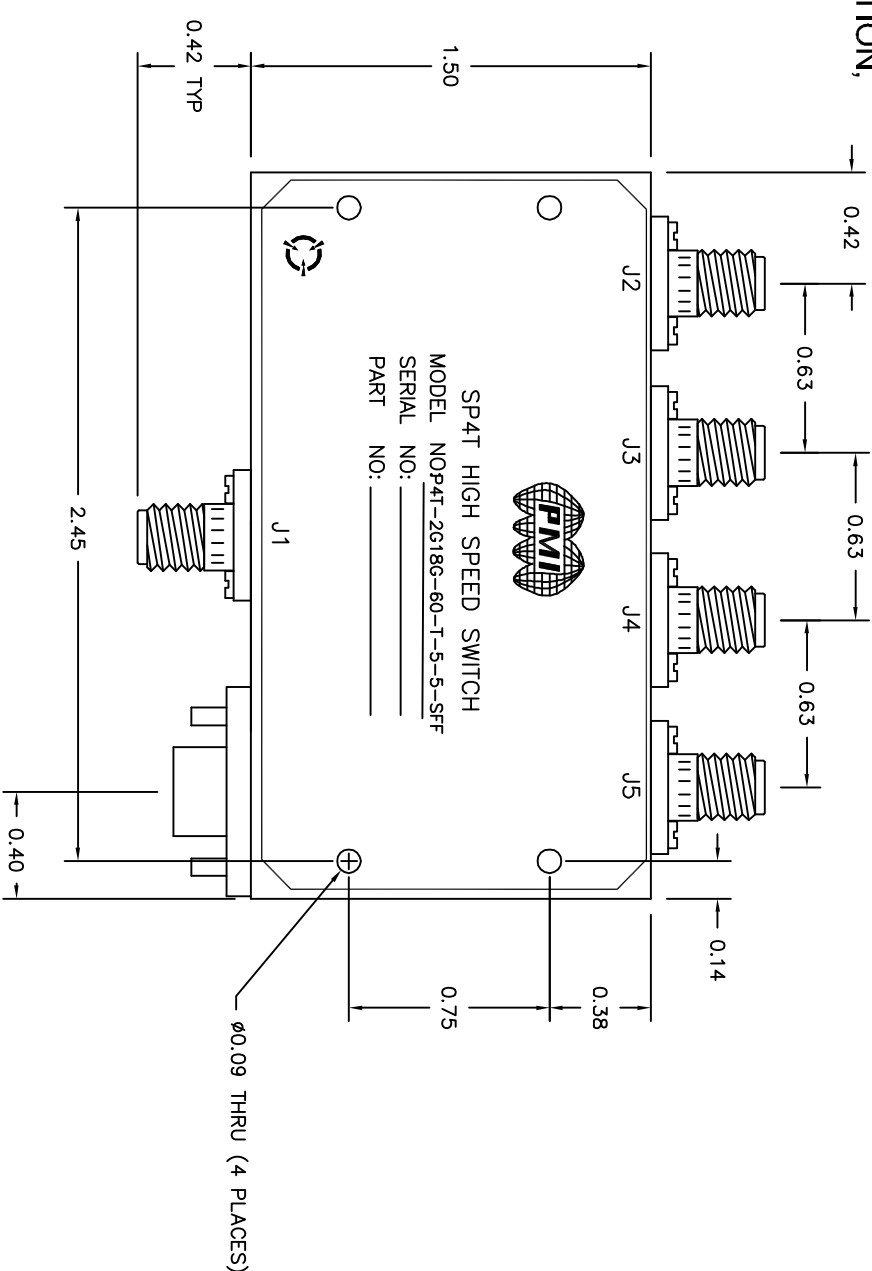
PIN OUT TABLE		LOGIC TABLE		
Pin No.	Function	2 BIT DECODER		
1	E1	E1	E2	FUNCTION
2	E2	0	0	J1-J2 "Low Loss"
3	N/C	0	1	J1-J3 "Low Loss"
4	N/C	1	0	J1-J4 "Low Loss"
5	N/C	1	1	J1-J5 "Low Loss"
6	GND			
7	+V			
8	-V			
9	GND			

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°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
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	1/22/10	



PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-ri.com
E-MAIL: sales@pmi-ri.com
ISO 9001:2008 CERTIFIED

TITLE

PRODUCT FEATURE

P4T-2G18G-60-T-5-5-SFF

APPROVALS

DATE

DRAWN

1/22/10

CHECKED

ISSUED

SIZE

FSCM NO.

DWG NO.

REV.

SCALE

N:S

SHEET

1 OF 1

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.010
X.XXX ±0.005