

DESCRIPTION:

PMI MODEL NUMBER P4T-12G18G-60-5/5-SFF IS A SINGLE POLE, FOUR THROW REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 12GHZ TO 18GHZ FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, AND FAST SWITCHING SPEED.

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

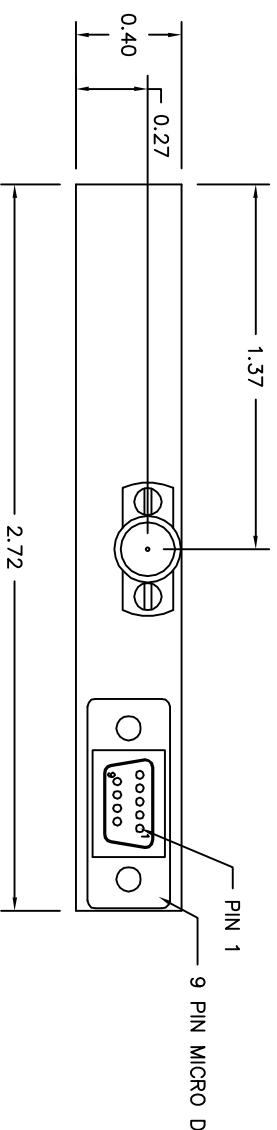
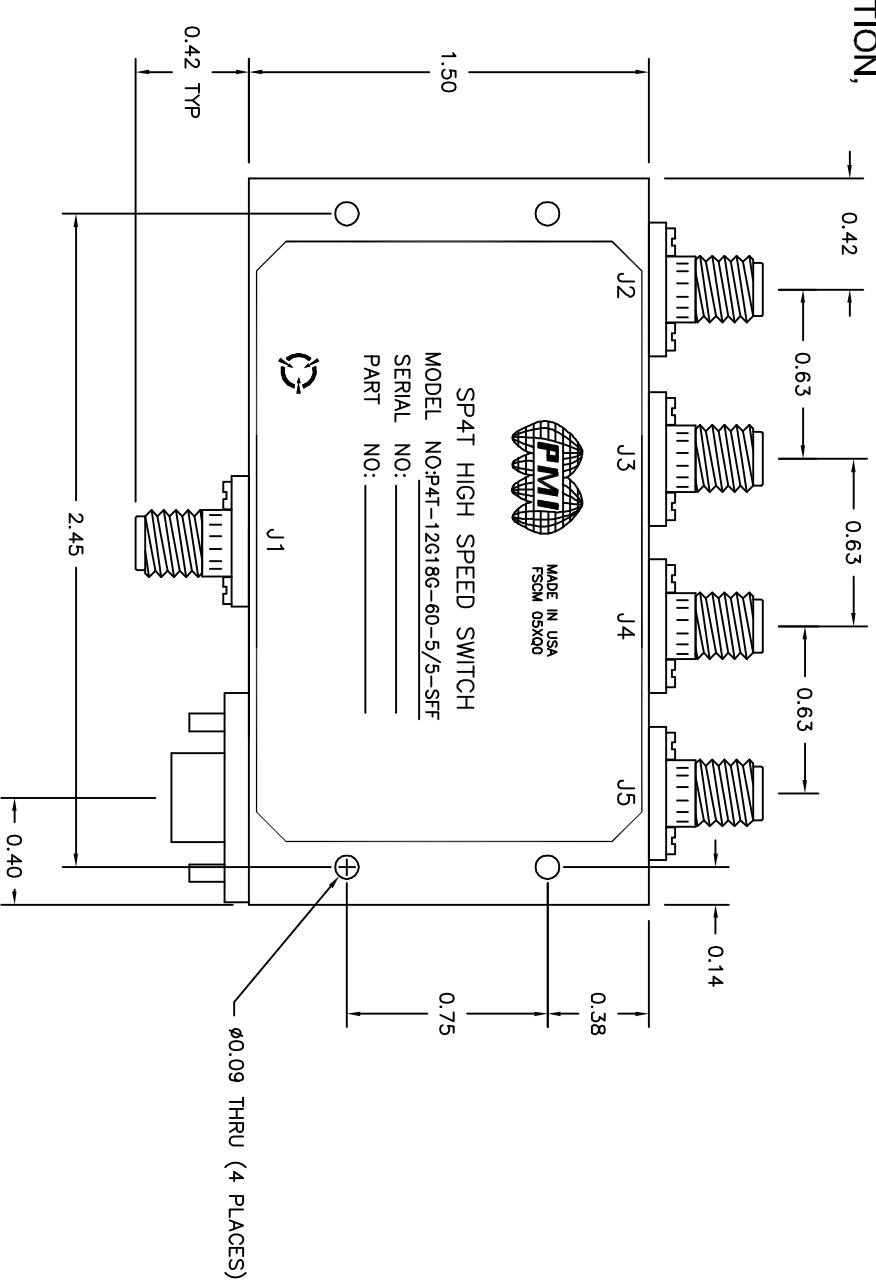
SPECIFICATIONS:

- FREQUENCY: 12.0 GHz TO 18.0 GHz
- INSERTION LOSS: 3.0dB TYPICAL
- ISOLATION: 60dB MINIMUM
- VSWR: 2.0:1
- SPEED: 50ns MAXIMUM
- POWER INPUT: 500 mW CW MAXIMUM
- CONTROL: TTL LOGIC - SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 120 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
2	E2	0	0
3	N/C	0	1
4	N/C	1	0
5	N/C	1	1
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

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PRODUCT FEATURE

P4T-12G18G-60-5/5-SFF

APPROVALS	DATE	TITLE	SIZE	FSCM NO.	DWG NO.	REV.
<i>JM</i>	1/22/10	PRODUCT FEATURE	A	05X00	27012921	A
CHECKED		SCALE N:S				
ISSUED		SHEET				

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 XXX ±0.010
 XXXX ±0.005