

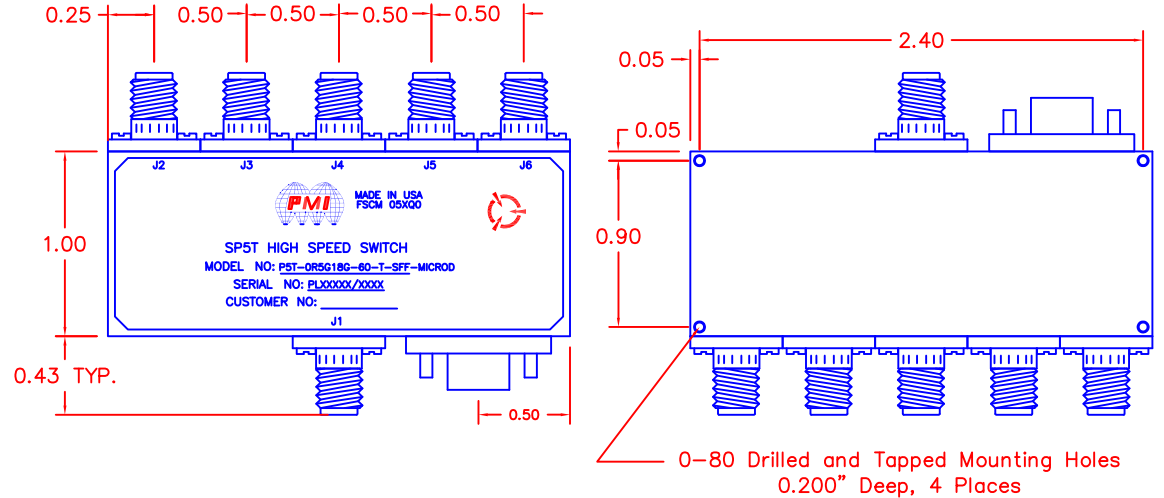
**DESCRIPTION:**

PMI MODEL NUMBER P5T-0R5G18G-60-T-SFF-MICROD IS A SINGLE POLE, FIVE THROW NON-REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 0.5GHZ TO 18.0GHZ FREQUENCY RANGE. THIS MODEL IS CAPABLE OF SWITCHING WITHIN 100 NSEC AND HAS OVER 60 dB OF ISOLATION.

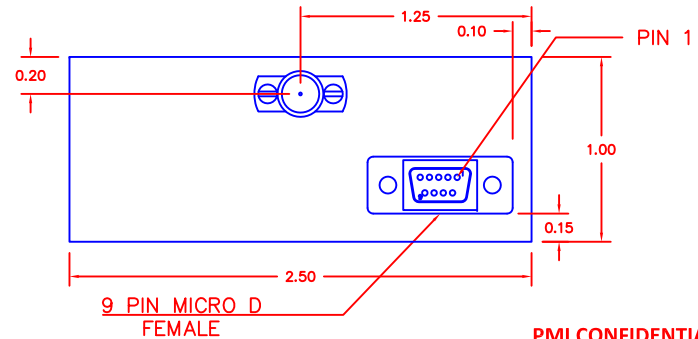
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/20/18	

**SPECIFICATIONS:**

- FREQUENCY: 0.5 GHz TO 18.0 GHz
- ISOLATION: 60 dB MINIMUM
- INSERTION LOSS: 4.0 dB MAXIMUM
- VSWR IN/OUT: 2.0:1 MAXIMUM
- OPERATING INPUT POWER: +20 dBm CW
- SWITCHING SPEED: 100 nsec MAXIMUM
- CONTROL SIGNAL: 5 LINE TTL
- DC VOLTAGE & CURRENT: +5 VDC @ 250 mA  
-12 VDC @ 100 mA
- RF CONNECTORS: SMA FEMALE CONNECTORS
- DC CONNECTORS: 9 PIN MICRO-D FEMALE
- FINISH: PAINTED BLUE



Pin No.	Function
1	E1
2	E2
3	E3
4	E4
5	E5
6	NC
7	+V
8	-V
9	GND



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: -54 °C TO +95 °C (OPERATING)  
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. C
- 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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>E.M.F.</i>		4/20/18	PRODUCT FEATURE		
CHECKED			P5T-0R5G18G-60-T-SFF-MICROD		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	SHEET	
			N:S	1 OF 1	