

DESCRIPTION

PMI MODEL NO. P2T-80M1G-60-R-TNC-200W IS A SINGLE POLE, TWO THROW, REFLECTIVE SWITCH THAT OPERATES OVER THE FREQUENCY RANGE OF 80 MHz TO 1.0 GHz. IT HAS A TYPICAL INSERTION LOSS OF 1 dB AND A MINIMUM ISOLATION OF 60 dB. THIS MODEL IS OUTFITTED WITH TNC FEMALE CONNECTORS AND A 9-PIN D FEMALE CONNECTOR.

SPECIFICATIONS

- FREQUENCY RANGE: 80 MHz TO 1.0 GHz
- INSERTION LOSS: 1 dB TYP
- ISOLATION: 60 dB MIN
- VSWR: 1.75:1
- POWER HANDLING: 200 WATTS CW
- SWITCHING SPEED: 2 us TYP
- POWER SUPPLY: +5 V @ 450 mA
-28 V @ 300 mA
- CONTROL: TTL
"1" = J1-J2 LOW LOSS
"0" = J1-J3 LOW LOSS
- RF CONNECTORS: TNC FEMALE
- CONTROL CONNECTOR: 9-PIN D FEMALE
- SIZE: 2.00" x 2.00" x 0.75"
- FINISH: PAINTED BLUE
(NO PAINT ON MOUNTING SURFACE)
- DC/CTL CONNECTIONS:

DC/CTL	CONNECT TO
1	-28V
2	GROUND
3	CONTROL
4	+5V
5	NC
6	GROUND
7	GROUND
8	GROUND
9	GROUND

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C
- ENVIRONMENTAL: MIL-STD-810E
- EMI-EMC: MIL-STD-461

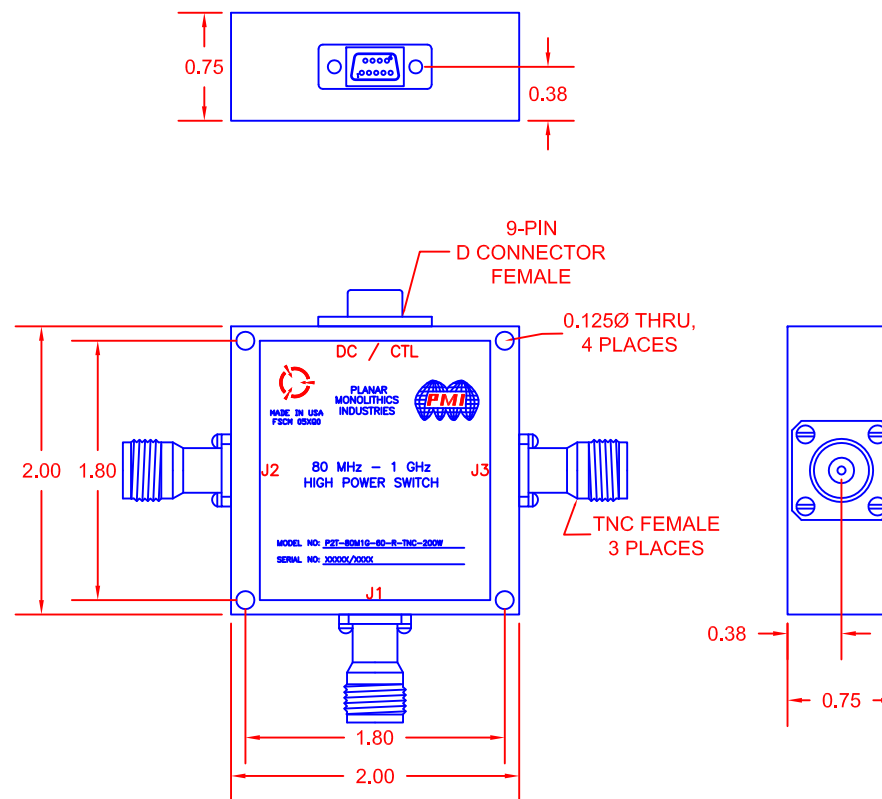
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/12/2019	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		SIZE		FSCM NO.		DWG NO.		REV.	
DRAWN		2/12/10		PRODUCT FEATURE		A		05XQ0		PRELIMINARY		-	
REDRAWN				P2T-80M1G-60-R-TNC-200W									
ISSUED				SP2T REFLECTIVE SWITCH									
						SCALE		N:S		SHEET		1 OF 1	