

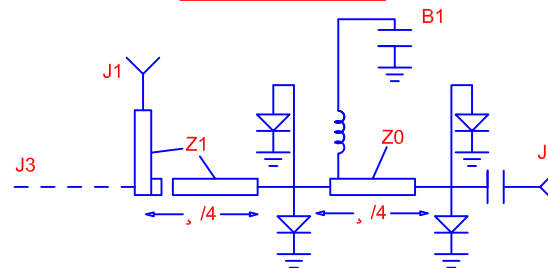
DESCRIPTION

PMI MODEL: P2T-4G8G-50-R-SFFF-OPT7R9G8R4G IS A SINGLE POLE TWO THROW HIGH POWER PIN DIODE SWITCH, IN THE FREQUENCY RANGE OF 7.9 TO 8.4 GHz. THIS DEVICE OFFERS HIGH ISOLATION, LOW INSERTION LOSS AND FAST SWITCHING

SPECIFICATIONS

- FREQUENCY RANGE: ----- 7.9 TO 8.4 GHz
- INSERTION LOSS : ----- 1.5 dB MAX
- ISOLATION: ----- 45 dB MIN
- VSWR: ----- 2.0:1 MAX
- SWITCHING SPEED: ----- 200 ns TYP, 500 ns MAX
- POWER: ----- 40 W MAX CW
- PEAK POWER: ----- 200 W MAX
- PULSE WIDTH: ----- 100 μ s MAX
- DUTY CYCLE: ----- 1% MAX
- POWER SUPPLY: ----- +5VDC
-28VDC
- LOGIC: ----- TTL
- CONNECTOR: ----- SMA (F)
- SIZE: ----- 1.55"X2.30"X0.50"
- FINISH: ----- PAINTED BLUE
MOUNTING SURFACE FREE OF PAINT

E1 TTL LOGIC TABLE	
STATE	PATH
0	J1 TO J2
1	J1 TO J3



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

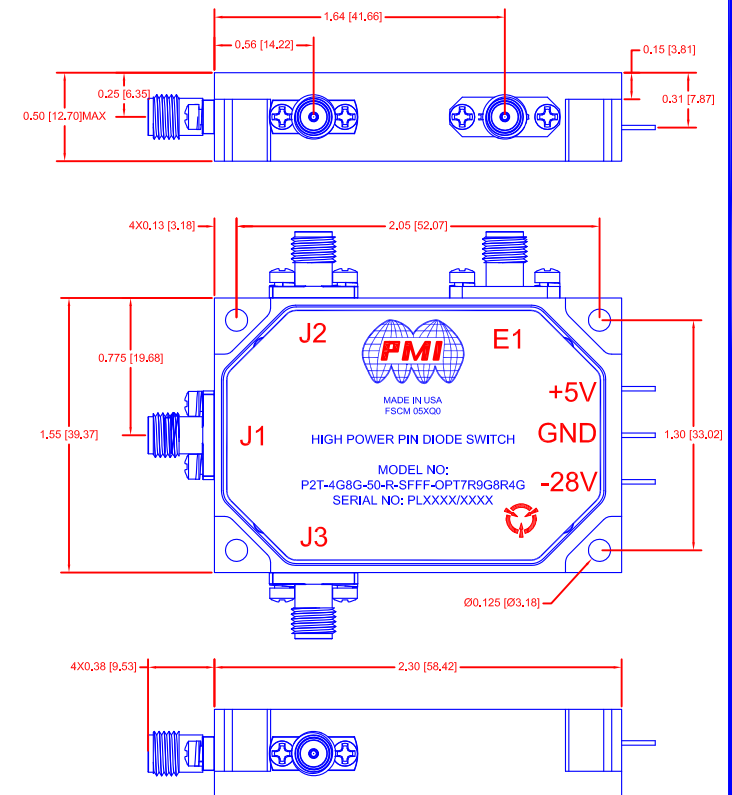
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/26/2018	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>JPU</i>		3/23/18	PRODUCT FEATURE P2T-4G8G-50-R-SFFF-OPT7R9G8R4G SINGLE POLE TWO THROW HIGH POWER PIN DIODE SWITCH			-
REDRAWN <i>EW</i>		7/26/18	SIZE	FSCM NO.	DWG NO.	
ISSUED			A	05XQ0	PRELIMINARY	
			SCALE	N:S	SHEET	1 OF 1