

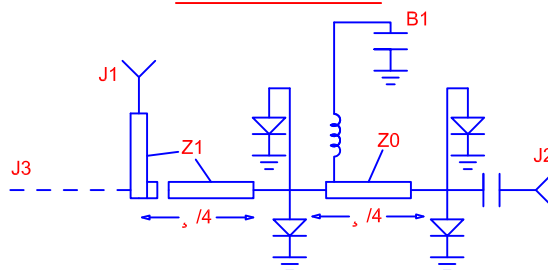
DESCRIPTION

PMI MODEL: P2T-6G14G-50-R-SFFF IS A SINGLE POLE TWO THROW HIGH POWER PIN DIODE SWITCH, IN THE FREQUENCY RANGE OF 6 TO 14 GHz. THIS DEVICE OFFERS HIGH ISOLATION, LOW INSERTION LOSS AND FAST SWITCHING

SPECIFICATIONS

- FREQUENCY RANGE: 6 TO 14 GHz
- INSERTION LOSS : 3 dB MAX
- ISOLATION: 40 dB MIN
- VSWR: 2.0:1
- SWITCHING SPEED: 200 ns
- POWER: 40 W MAX
- PEAK POWER: 300 W MAX
- PULSE WIDTH: 10 μ s MAX
- DUTY CYCLE: 13% MAX
- POWER SUPPLY: +5VDC / 150mA
-28VDC / 50mA
- 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

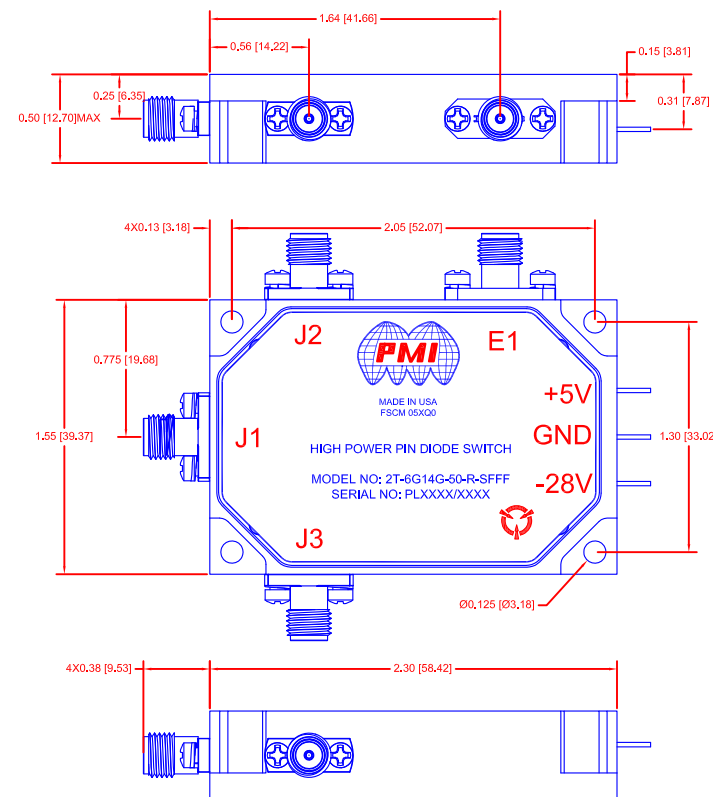
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	8/24/2018	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		8/24/18		PRODUCT FEATURE	
REDRAWN				P2T-6G14G-50-R-SFFF	
ISSUED				SINGLE POLE TWO THROW HIGH POWER PIN DIODE SWITCH	
SIZE	A	FSCM NO.	05XQ0	DWG NO.	PRELIMINARY
SCALE	N:S			SHEET	1 OF 1