

DESCRIPTION

PMI MODEL P2T-0518-60-T-2W-SFF IS AN ABSORPTIVE, SINGLE POLE TWO THROW SWITCH THAT OPERATES OVER THE 0.5 TO 18 GHz FREQUENCY RANGE. THIS UNIT FEATURES LOW INSERTION LOSS WITH 2 WATT PEAK POWER HANDLING.

SPECIFICATIONS

- FREQUENCY:----- 0.5 TO 18 GHz
- INSERTION LOSS:----- 3 dB MAX
- ISOLATION:----- 60 dB MIN
- VSWR (On/Off):----- 2.0:1 MAX
- INPUT POWER (SURVIVAL):----- 1 W CW, 2 W PEAK, 1%DC, 100 ns MAX
- SWITCHING SPEED:----- 100 ns MAX
- MAX OPERATING POWER:----- +23 dBm CW MIN
- LOGIC CONTROL:----- +5V TTL
- DC SUPPLY:----- +5V TO +15V @ 85 mA MAX
-5V TO -15V @ 65 mA MAX
- CONNECTORS:----- SMA (F)
- FINISH:----- GOLD PLATED

TTL LOGIC CONTROL TABLE

CTL	FUNCTION
0	J0 TO J1 ON, J0 TO J2 OFF
1	J0 TO J1 OFF, J0 TO J2 ON

ENVIRONMENTAL RATINGS

- TEMPERATURE:----- -40 °C TO +85 °C (OPERATING)
-55 °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

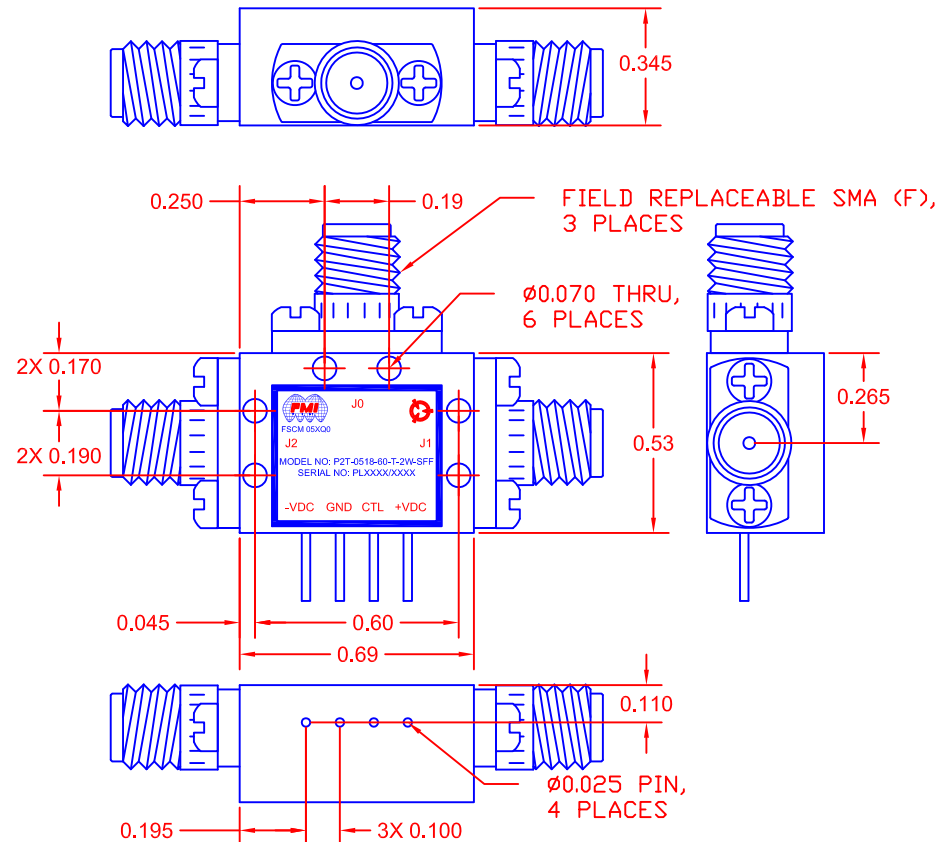
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	9/8/21	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE		
DRAWN <i>DPD</i>		9/8/21	PRODUCT FEATURE P2T-0518-60-T-2W-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		SHEET 1 OF 1