

DESCRIPTION

PMI MODEL: P2T-0R5G4G-30-R-SFF-50W-MB IS A SINGLE POLE, TWO THROW REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 0.5 GHz TO 4.0 GHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO HANDLE 50 WATTS AVERAGE INPUT POWER.

SPECIFICATIONS

- FREQUENCY: ----- 0.5 TO 4.0 GHz
- RF INPUT POWER: ---- 50 WATTS AVERAGE
- INSERTION LOSS: ---- 1.25 dB MAXIMUM
- ISOLATION: ----- 30 dB TYPICAL
- VSWR: ----- 2.0:1 MAXIMUM
- SWITCHING SPEED: -- 1 μ s MAXIMUM
- SWITCHING RATE: ---- 15 kHz MAXIMUM, 50% DUTY CYCLE
- COLD SWITCHING: --- YES
- POWER SUPPLY: ----- +5V @ 100 mA MAXIMUM
- CONTROL: ----- TTL (SEE LOGIC TABLE BELOW)
- FINISH: ----- PAINTED BLUE
(NO PAINT ON MOUNTING SURFACE)
- CONNECTORS: ----- FIELD REPLACEABLE SMA FEMALE

LOGIC TABLE

CTL	J1 - J2	J1 - J3
0	OFF	ON
1	ON	OFF

ENVIRONMENTAL RATINGS

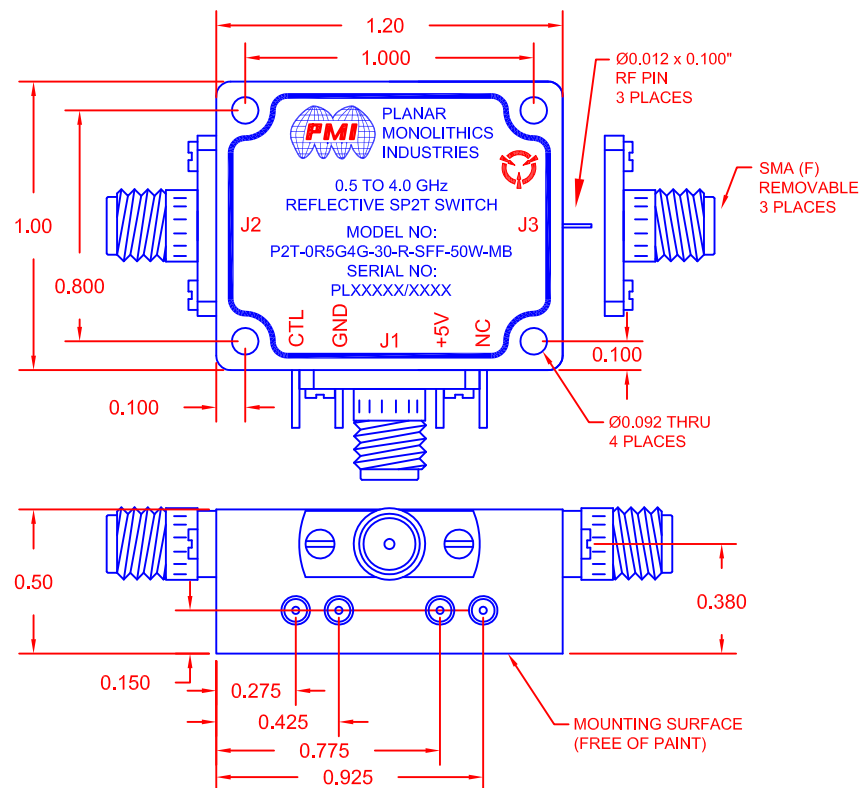
- TEMPERATURE: ----- -45 °C TO +85 °C (OPERATING)
-54 °C TO +125 °C (STORAGE)
- ENVIRONMENTAL: ----- MIL-STD-810E
- EMI/EMC: ----- MIL-STD-461

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

ALL DIMENSIONS
ARE IN INCH [mm]
TOLERANCES:
X.XX \pm 0.020 [0.508]
X.XXX \pm 0.010 [0.254]

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	02/01/18	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>M. Berry</i>		02/01/18	PRODUCT FEATURE P2T-0R5G4G-30-R-SFF-50W-MB 0.5 to 4.0 GHz Reflective SP2T Switch			
REDRAWN			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27034260	A1
			SCALE	N:S	SHEET	1 OF 1