

DESCRIPTION

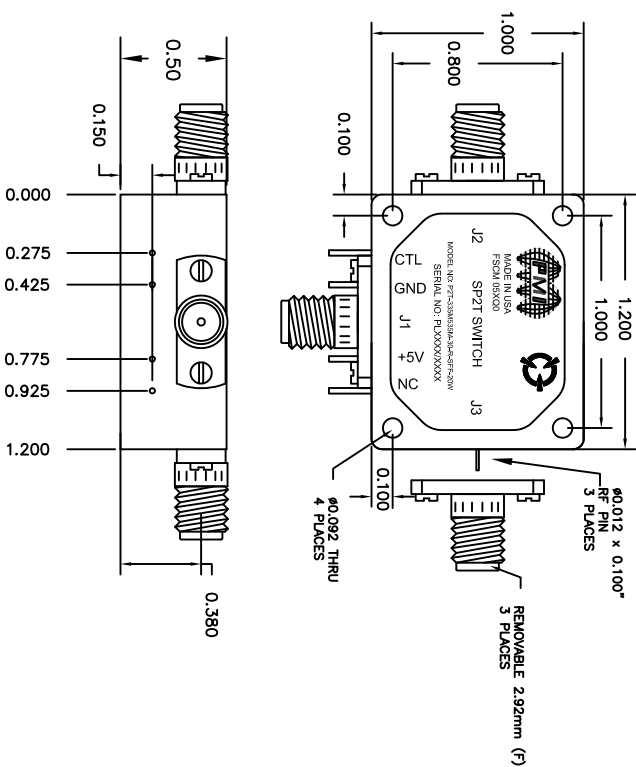
THE MODEL P2T-335M535M-30-R-SFF-20W IS A SINGLE POLE, TWO THROW, REFLECTIVE SWITCH. THE FREQUENCY RANGE IS 335 TO 535 MHZ AND HAS OVER 40DB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: 335 TO 535 MHZ
- INSERTION LOSS: 0.9 DB MAX.
- ISOLATION: 45 DB MIN
- VSWR IN/OUT: 1.5 : 1 MAX
- OPERATING INPUT POWER: +42 dBm (16W) CW MAX
- SURVIVAL INPUT POWER: +44 dBm (25W) CW MAX
- RISE/FALL: 1 us MAX
- DC VOLTAGE AND CURRENT: +5VDC @ 150mA MAX
- CONTROL SIGNAL: TTL SEE LOGIC TABLE

LOGIC TABLE

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



- P1dB: +46 dBm (40W) TYP
- SURVIVAL PULSED POWER: +46 dBm (40W) 100us PULSE WIDTH [DUTY CYCLE < 25%] MAX
- HOT SWITCHING: +42 dBm (16W) PULSE REPETITION 10KHZ MAX
- CONNECTORS: SMA (F)
- FINISH: PAINTED GRAY
- SIZE: 1.2" X 1.0" X 0.5"

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
	A	ORIGINAL RELEASE	8/11/11	
	B	ADD CONDITIONS	1/25/12	gjk

CONFIDENTIAL AND PROPRIETARY

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APPROVALS	DATE	TITLE	PRODUCT FEATURE
DRAWN	8/11/11	P2T-335M535M-30-R-SFF-20W	335 MHZ TO 535 MHZ SWITCH 2 THROW
CHECKED		SIZE	FSM NO.
ISSUED		A	05X00
		SCALE	N:S
			27015181-B
			REV. B

ALL DIMENSIONS ARE IN INCHES
TOLERANCES: .0020
X.XX .0010
WEIGHT: X.XX oz.