DESCRIPTION

THE MODEL P2T-5G5D15G-30-R-528-SFF-20W IS A SINGLE POLE, TWO THROW, REFLECTIVE SWITCH. THE FREQUENCY RANGE IS 5000 TO 5150 MHz AND HAS 30dB OF ISOLATION.

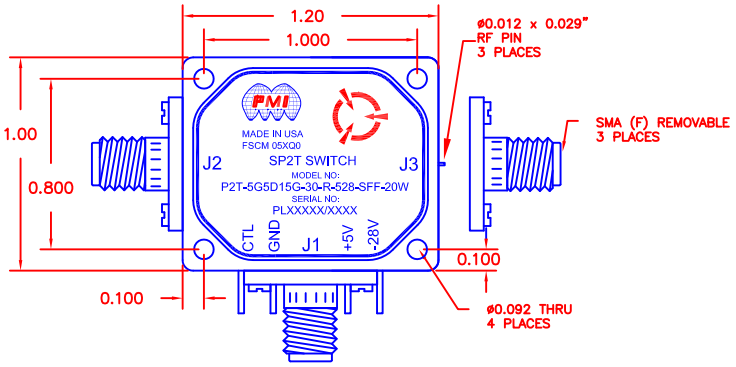
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	6/7/13	
	A1	ECN # 17-0266	12/22/17	

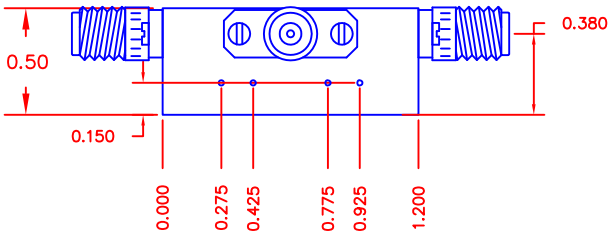
SPECIFICATIONS

- FREQUENCY RANGE: ..... 5000 TO 5150 MHz
- INSERTION LOSS ..... 1.5dB GOAL, 2.0dB MAX
- ISOLATION ..... 30dB MIN
- SWITCHING SPEED: ..... 200ns TYP
  (CUSTOMER SPEC OF 2us MAX)
- OPERATING INPUT POWER ..... +43dBm (20W) CW MAX
- VSWR IN/OUT ..... 1.2:1 TYP, 1.5:1 MAX
- RF CONNECTORS: ..... SMA (F) REMOVABLE
- CONTROL: ..... TTL
- DC VOLTAGE AND CURRENT ..... +5VDC @ TBD mA
  -28VDC @ TBD mA
- FINISH ..... PAINTED BLUE
- SIZE ..... 1.2" X 1.0" X 0.5"

LOGIC TABLE

CTL	J1 – J2	J1 – J3
0	ON	OFF
1	OFF	ON





PMI CONFIDENTIAL AND PROPRIETARY

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

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

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ISO 9001:2000 CERTIFIED

APPROVALS	DATE
DRAWN sfk	6/7/13
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
P2T-5G5D15G-30-R-528-SFF-20W
5000 MHz TO 5150 MHz SWITCH 2 THROW

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27019541	A1

SCALE N:S SHEET 1 OF 1