

DESCRIPTION

PMI MODEL P2T-500M18G-80-T-55-SFF-1 IS A SINGLE POLE DOUBLE THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE:..... 0.5 TO 18.0 GHZ
- INSERTION LOSS:..... 3.5 dB MAX
- ISOLATION:..... 80 dB TYP
- VSWR:..... 2:1 MAX
- SWITCHING SPEED:..... 50% TTL TO 10%/90% RF
25 ns TYP
- INPUT POWER:..... +20 dBm CW
- SURVIVAL POWER:..... +23 dBm CW
- CONTROL:..... TTL LOGIC "0" = J1-J2 ON
TTL LOGIC "1" = J1-J3 ON
- POWER SUPPLY:..... +5 V @ 65 mA MAX
-5 V @ 50 mA MAX
- RF CONNECTORS:..... SMA FEMALE
- CONTROL CONNECTORS:..... FEEDTHRU - $\varnothing 0.030$ TYP
- SIZE:..... (L) 1.0" X (W) 1.0" X (H) 0.4"
- FINISH:..... BLUE EPOXY POLIMIDE COATING
IAW MIL-C-22750, TYPE I OVER
EPOXY POLIMIDE PRIMER IAW
MIL-P-23377,
TYPE I, CLASS 1 OR 3.

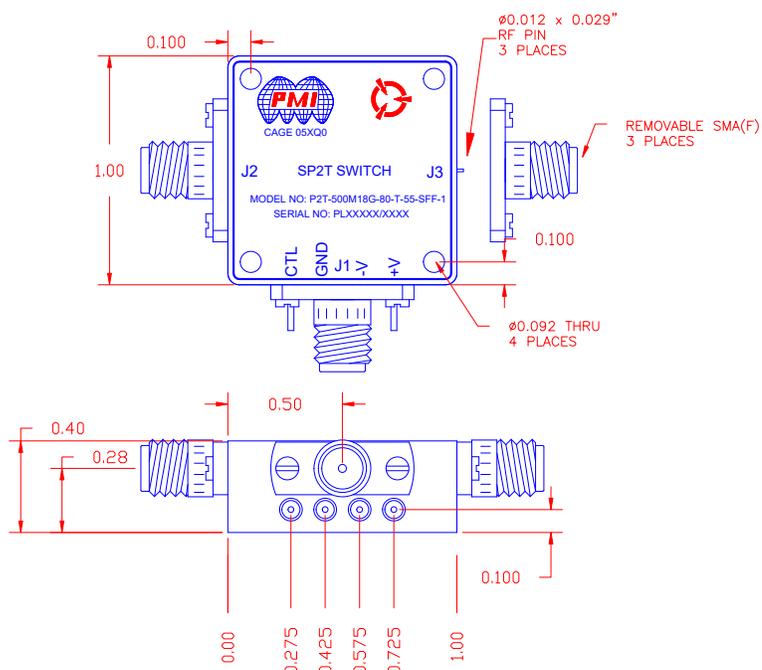
ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-55°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: 1.5 oz. TYPICAL

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	12/15/13	
	A1	ECN # 15-0024	03/02/15	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN		12/15/13	PRODUCT FEATURE		
CHECKED			P2T-500M18G-80-T-55-SFF-1		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	27024508
			SCALE	N:S	SHEET 1 OF 1
					REV. A1