

DESCRIPTION

PMI MODEL P2T-500M18G-80-T-55-SFF 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 - ϕ 0.030 TYP
- SIZE:..... (L) 1.20" X (W) 1.00" X (H) 0.50"
- FINISH:..... GOLD PLATED

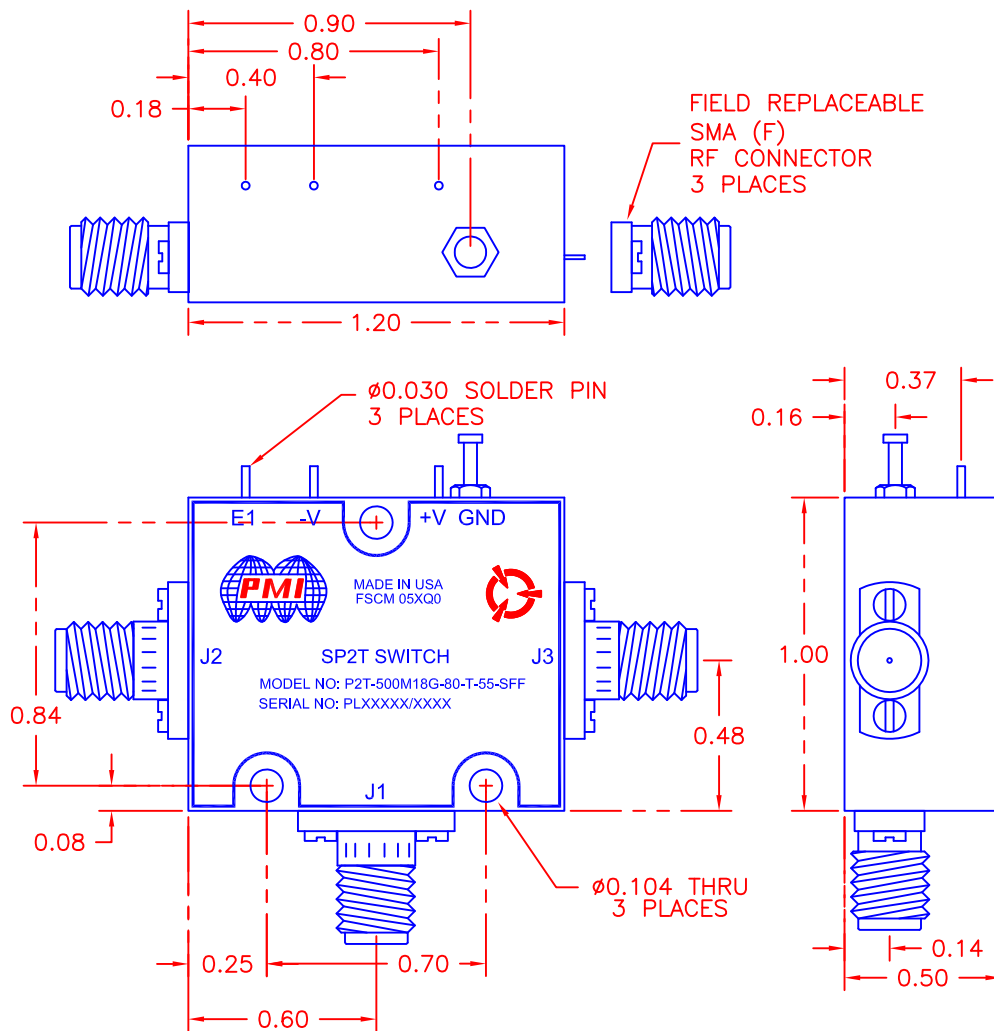
ENVIRONMENTAL RATINGS

- **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 \pm 0.020
X.XXX \pm 0.010
WEIGHT: 1.5 oz. TYPICAL

| REVISIONS | | | | |
|-----------|------|-------------|---------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | 1 | PRELIMINARY | 6/30/14 | |



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| APPROVALS | | DATE | TITLE | | REV. |
|---------------------|--|---------|--|-------------------|------------------------|
| DRAWN <i>DPD</i> | | 6/30/14 | PRODUCT FEATURE P2T-500M18G-80-T-55-SFF | | 1 |
| CHECKED | | | SIZE A | FSCM NO. 05XQ0 | DWG NO. PRELIMINARY |
| ISSUED | | | SCALE N:S | SHEET 1 OF 1 | |