

DESCRIPTION

PMI MODEL P2T-0R3G18G-70-R-55-SFF-OPT5G8G-P28V IS A REFLECTIVE SINGLE POLE DOUBLE THROW SWITCH THAT OPERATES OVER 5 TO 8 GHz AND PROVIDES LOW INSERTION LOSS OF 3dB AND FAST SWITCHING SPEEDS OF <50ns.

SPECIFICATIONS

- FREQUENCY RANGE:..... 5.0 TO 8.0 GHz
- INSERTION LOSS:..... 3 dB MAXIMUM
- ISOLATION:..... 60 dB MINIMUM
- VSWR:..... 1.8:1 TYPICAL, 2.0:1 MAXIMUM
- SWITCHING SPEED:..... 50 nsec MAXIMUM
- POWER HANDLING:..... +20 dBm CW MAXIMUM
- CONTROL:..... TTL LOGIC "0" = J1-J2 ON (LOW LOSS)
TTL LOGIC "1" = J1-J3 ON (LOW LOSS)
- POWER SUPPLY:..... +28 V @ 250 mA MAXIMUM
- CONNECTORS:..... RF: SMA (F)
CONTRL: SOLDER PIN
- SIZE:..... 1.20" (L) X 1.00" (W) X 0.50" (H)
- FINISH:..... PAINTED BLUE

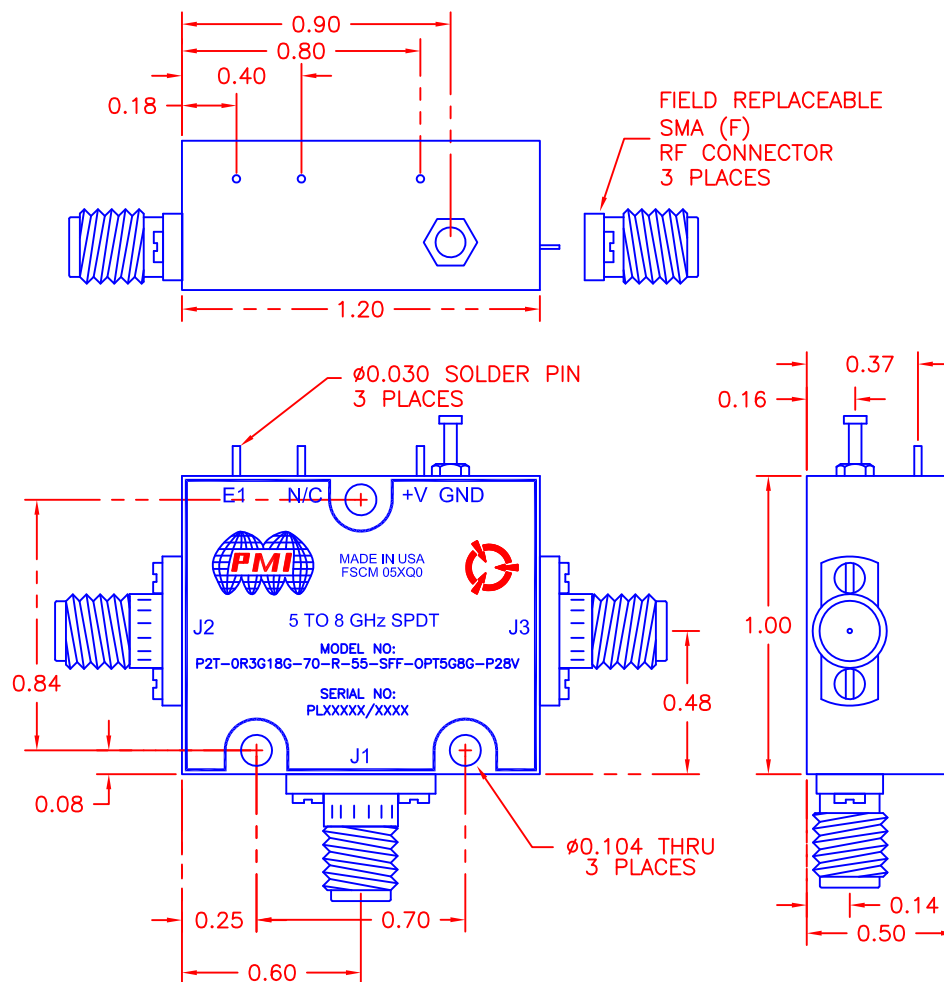
ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202G, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202G, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202G, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202G, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202G, METHOD 107G 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 |
| | - | PRELIMINARY | 4/22/15 | KM |



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| APPROVALS | | DATE | TITLE | | |
|--------------------------|----------|---------|--------------------------------------|--------|--|
| DRAWN <i>K. MAYON</i> | | 4/22/15 | PRODUCT FEATURE | | |
| CHECKED | | | P2T-0R3G18G-70-R-55-SFF-OPT5G8G-P28V | | |
| ISSUED | | | 5 TO 8 GHz REFLECTIVE SPDT SWITCH | | |
| SIZE | FSCM NO. | DWG NO. | REV. | | |
| A | 05XQ0 | | PRELIMINARY | | |
| SCALE N:S | | SHEET | | 1 OF 1 | |