

DESCRIPTION

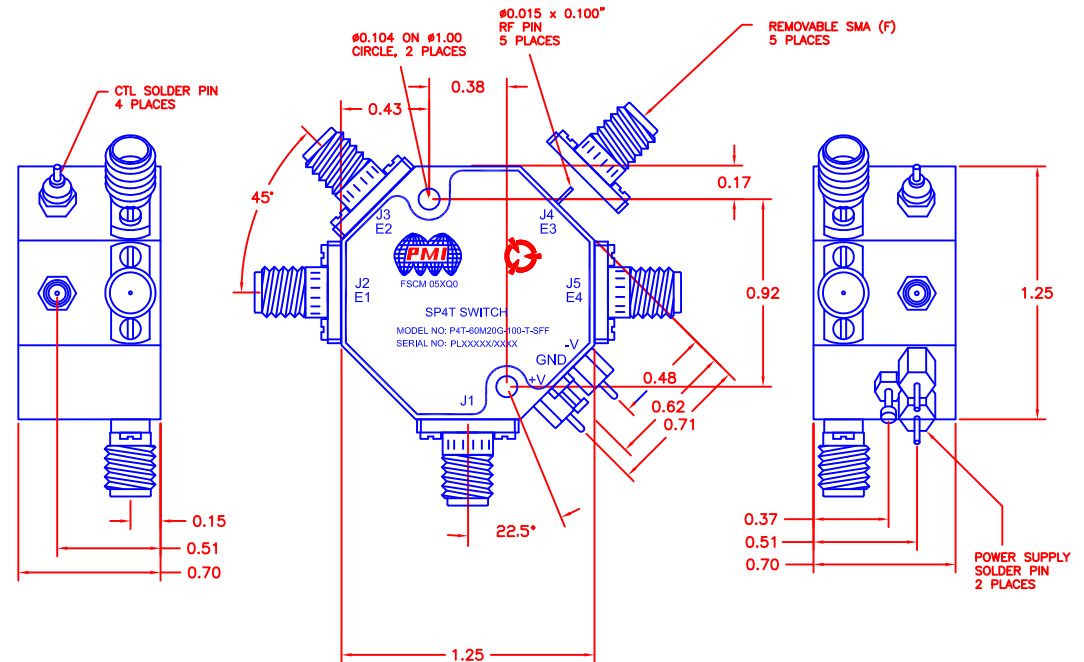
PMI MODEL: P4T-60M20G-100-T-SFF IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE:..... 0.06 TO 20.0 GHz
- INSERTION LOSS:..... 5.5dB MAX
- ISOLATION:..... 100dB MIN, 110dB TYP.
- VSWR (ON/OFF):..... 2.0:1 MAX
- SWITCHING SPEED:..... 300 ns (10% - 90% RF) TYP.
- CONTROL LOGIC:..... TTL LOGIC "0" = ON, "1" = OFF
- SURVIVAL POWER:..... +30 dBm (1 WATT)
- OPERATING POWER:..... +20 dBm MAX
- RF PHASE TRACKING:..... 2 DEGREES PER °C
(ALL PORTS WITH RESPECT TO COMMON WITH TEMPERATURE)
- DC SUPPLY:..... + 5VDC @ 200mA MAX
-12VDC @ 100mA MAX
- CONNECTORS IN/OUT:..... SMA (F) REMOVABLE
- CONTROL CONNECTORS:..... CONTROL PINS
- SIZE:..... (L) 1.25" X (W) 1.25" X (H) 0.70"
- WEIGHT:..... 1.5oz
- FINISH:..... MIL SPEC EPOXY PAINT - GRAY

| REVISIONS | | | | |
|-----------|------|------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | A | ORIGINAL RELEASE | 09/05/19 | |

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE:..... 0°C TO + 55°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

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

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

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ISO 9001:2008 CERTIFIED



| APPROVALS | | DATE | TITLE | | | |
|------------------|--|----------|--|----------|----------|--------|
| DRAWN <i>ANG</i> | | 09/05/19 | PRODUCT FEATURE P4T-60M20G100-T-SFF | | | |
| CHECKED | | | SIZE | FSCM NO. | DWG NO. | REV. |
| | | | A | 05XQ0 | 27018693 | A |
| ISSUED | | | SCALE | N:S | | SHEET |
| | | | | | | 1 OF 1 |