

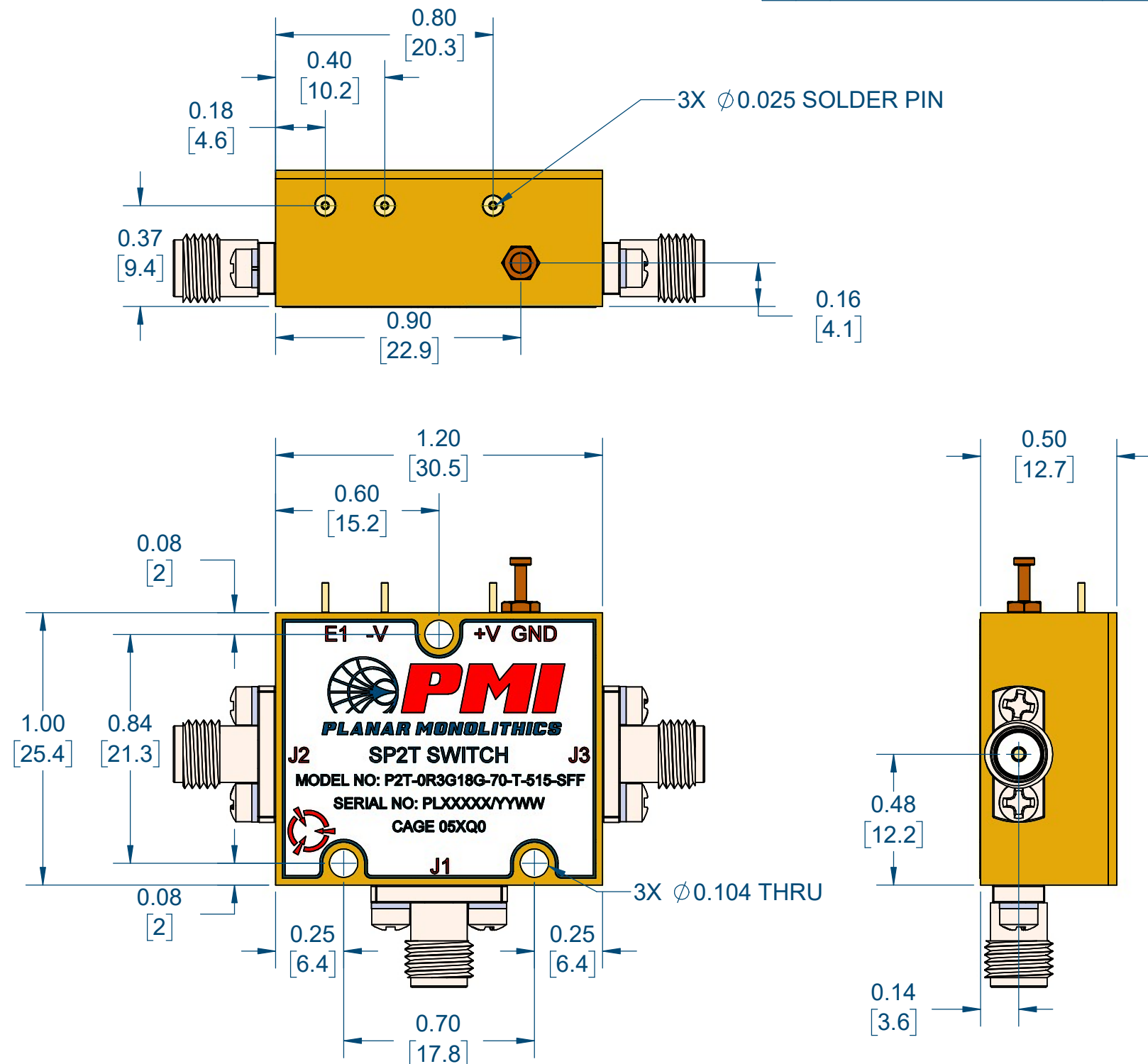
DESCRIPTION:

PMI MODEL P2T-0R3G18G-70-T-515-SFF IS A SINGLE POLE DOUBLE THROW ABSORPTIVE SWITCH.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/24/2018	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 0.3 TO 18 GHz
- INSERTION LOSS:..... 3.5 dB MAX
- ISOLATION:..... 70 dB MIN
- VSWR:..... IN / OUT: 2.0:1
TERMINATED OUT: 2.0:1
- RISE TIME:..... 30 ns MAX (10% RF TO 90% RF)
- FALL TIME:..... 30 ns MAX (90% RF TO 10% RF)
- DELAY ON:..... 100 ns MAX
- DELAY OFF:..... 100 ns MAX
- POWER INPUT:..... +20 dBm CW (STANDARD)
+10 dBm (HIGH SPEED)
- RF POWER (SURVIVAL):..... 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL:..... SINGLE CONTROL TTL TOGGLE
LOGIC "0" = J1 - J2 ON
LOGIC "1" = J1 - J3 ON
- POWER SUPPLY:..... +5V @ 100 mA MAX
-15V @ 100 mA MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... GOLD PLATED
- WEIGHT:..... 1.5 OZ TYP




ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDTY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 COND. A

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN JLH REDRAWN E. CASTILLO ISSUED		DATE 1/24/2018 5/26/2026	 PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
TITLE OUTLINE P2T-0R3G18G-70-T-515-SFF			SIZE B	FSCM NO. 05XQ0	DWG NO. 27033960	REV. A1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			SCALE 2:1	SHEET 1 OF 1		