

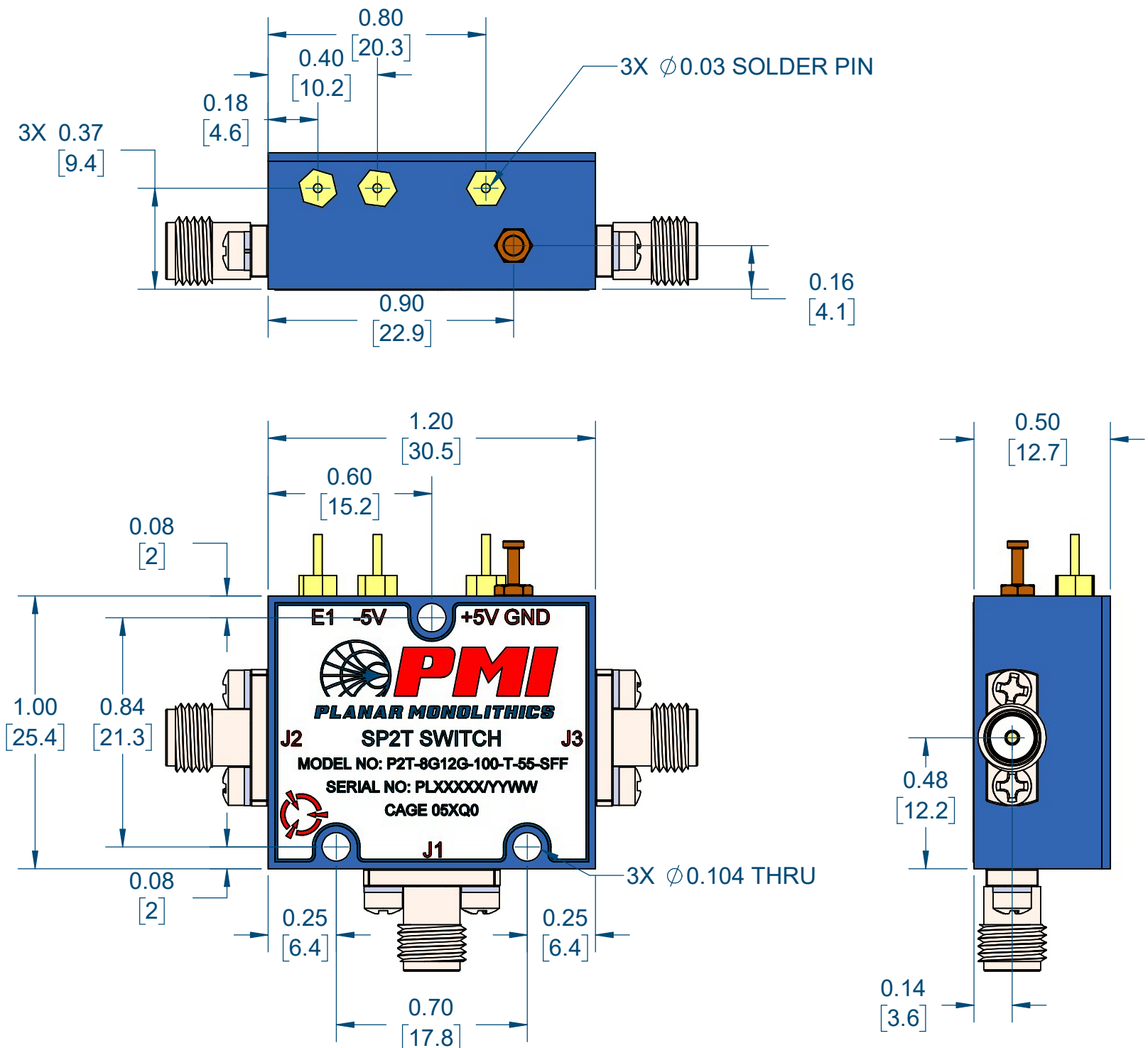
DESCRIPTION:

PMI MODEL P2T-8G12G-100-T-55-SFF IS A SINGLE POLE TWO THROW, HIGH POWER ABSORPTIVE SWITCH MODULE WITH VERY HIGH ISOLATION, LOW LOSS, HIGH SPEED AND WITH TTL DRIVER.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	8/8/2012	
	A1	ECN # 23-0117	4/22/2024	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 8 TO 12 GHz
- INSERTION LOSS:..... 3.0 dB TYP, 5.0 dB MAX
- ISOLATION:..... 100 dB MIN
- VSWR:..... 2.0:1 MAX
- SWITCHING SPEED:..... 100 ns MAX
- CONTROL LOGIC:..... SINGLE CONTROL TTL TOGGLE
 LOGIC "0" = J1 - J2 ON
 LOGIC "1" = J1 - J3 ON
- RF CONNECTORS:..... SMA FEMALE
- POWER SUPPLY:..... +5 V @ 200 mA MAX
 -5 V @ 100 mA MAX
- OPERATING INPUT POWER:..... +15 dBm MAX
- WEIGHT:..... 1.2 OZ
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... 0°C TO +55°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		DATE	TITLE			
DRAWN	SFK	8/8/2012	OUTLINE			
REDRAWN	E. CASTILLO	5/26/2026	P2T-8G12G-100-T-55-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			B	05XQ0	27017141	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

