

DESCRIPTION

PMI MODEL P3T-0D5G18G-70-R-SFF IS A 0.5 TO 18 GHZ, SP3T, REFLECTIVE SWITCH
FEATURING 2.75 DB INSERTION LOSS, 70 DB ISOLATION, AND 10 W PEAK POWER HANDLING.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	08/24/2026	

SPECIFICATIONS

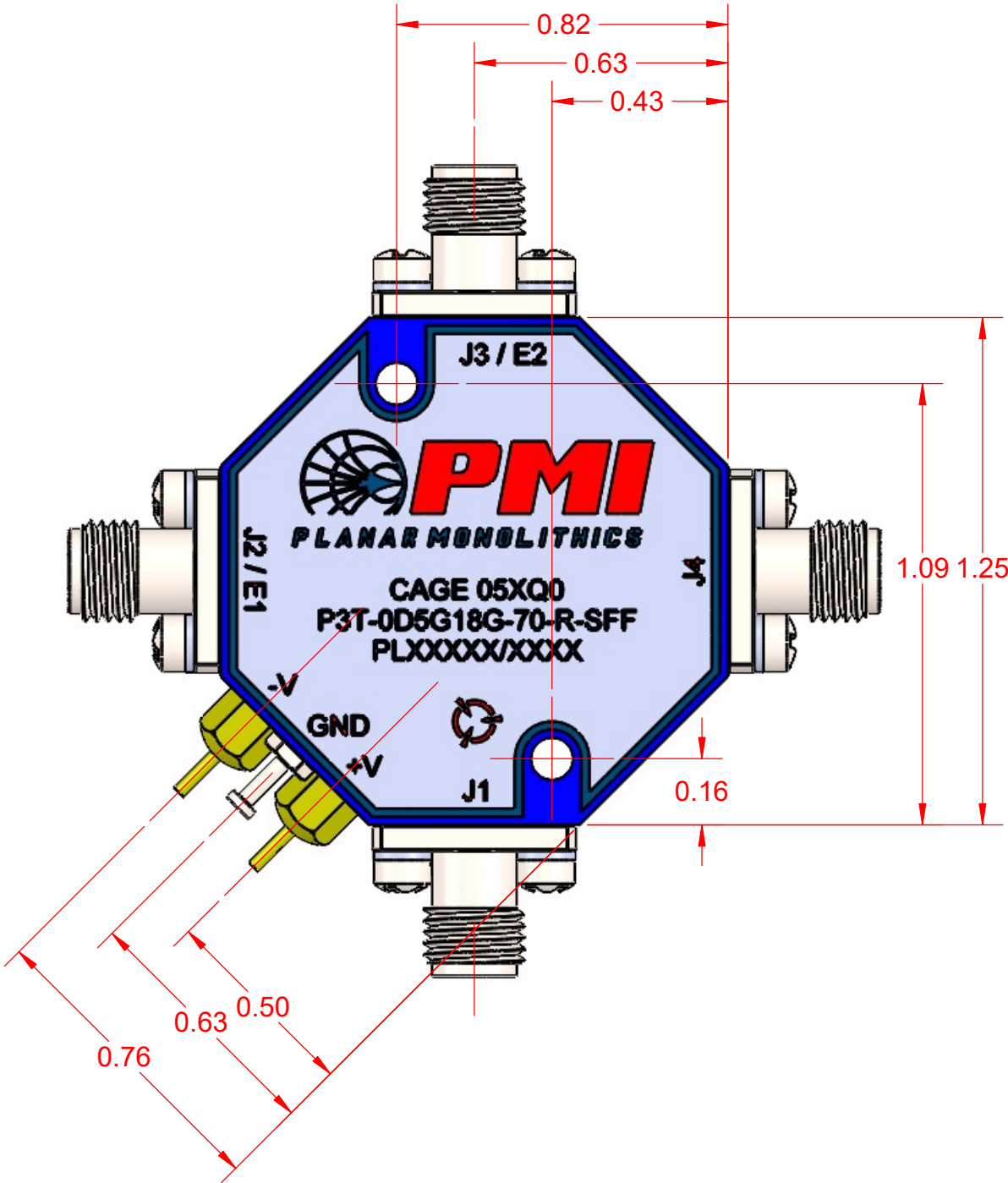
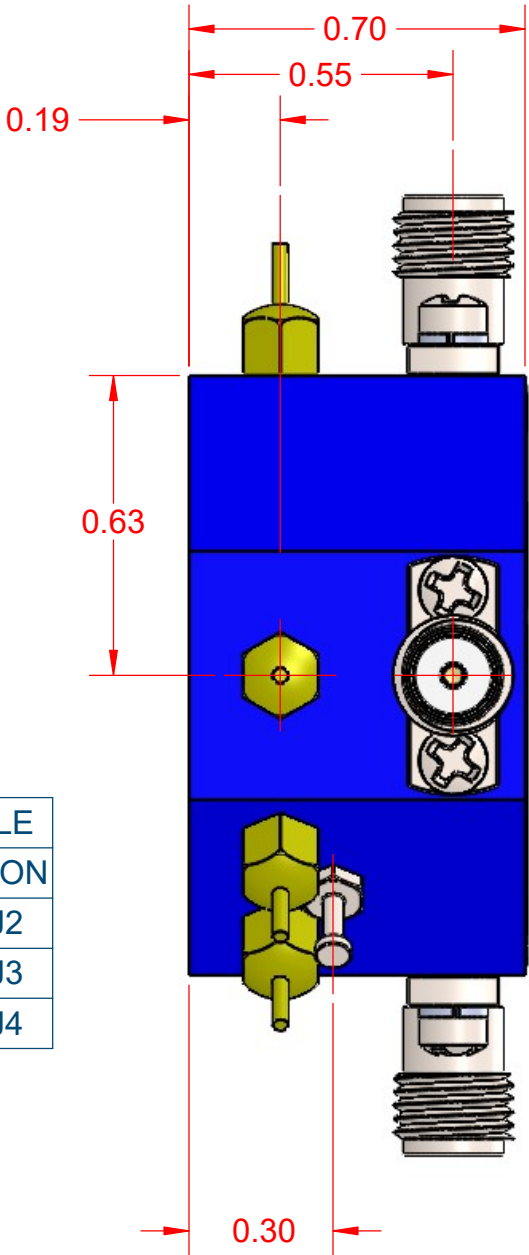
- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: 2.75 dB MAX
- ISOLATION: 70 dB MIN
- VSWR (IN/OUT): 2.0:1 MAX
- SPEED: RISE: 10 ns TYP, 15 ns MAX
FALL: 10 ns TYP, 15 ns MAX
DELAY ON: 75 ns TYP, 100 ns MAX
DELAY OFF: 75 ns TYP, 100 ns MAX
- POWER INPUT (CW): +20 dBm TYP
- SURVIVAL POWER: 1 WATT (CW) MAX
10 WATTS (PEAK) 1 μsec
- CONTROL: SEE TTL LOGIC TABLE
- POWER SUPPLY: +19 V @ 150 mA MAX
-19 V @ 100 mA MAX
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE

TTL LOGIC TABLE		
E1	E2	PORT ON
0	0	J1 - J2
1	0	J1 - J3
0	1	J1 - J4

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107 COND. A
- HUMIDITY: 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

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



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS	DATE	PMI 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		
		DRAWN A. SABADOS REDRAWN	08/24/2026	TITLE PRODUCT FEATURE P3T-0D5G18G-70-R-SFF		
		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
				SCALE 2:1		REV. 1
						SHEET 1 OF 1