

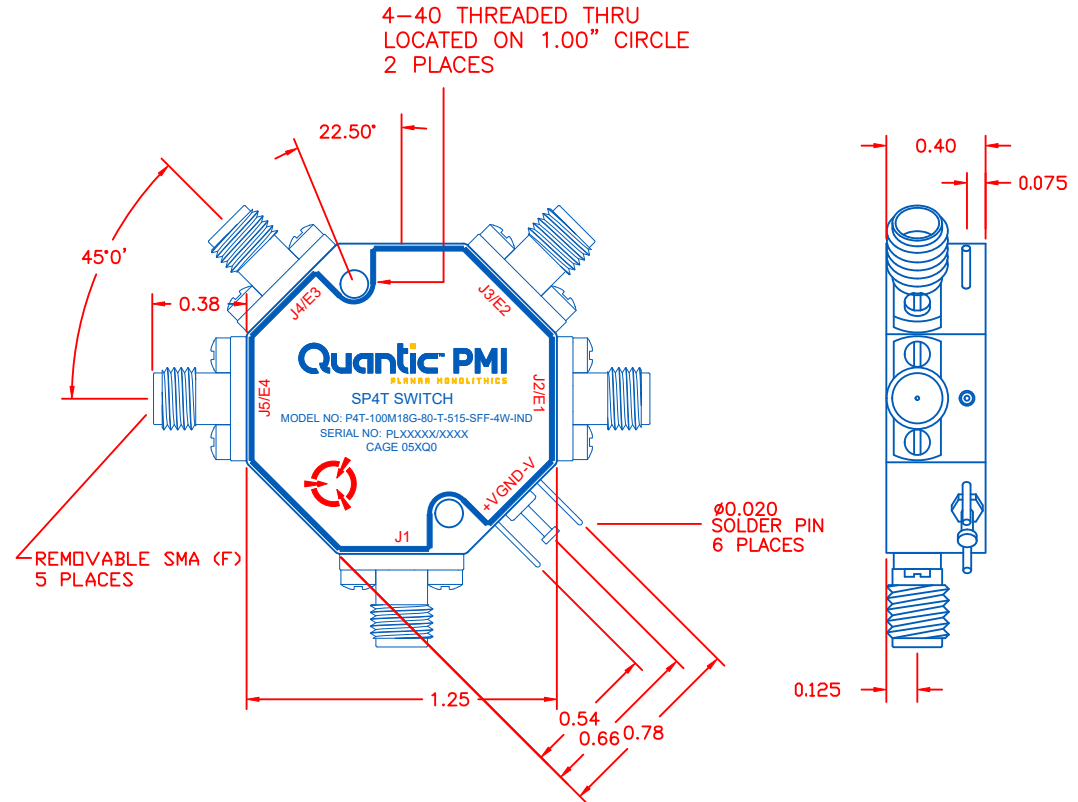
DESCRIPTION

PMI MODEL: P4T-100M18G-80-T-515-SFF-4W-IND IS A SINGLE POLE FOUR THROW ABSORPTIVE SWITCH. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	04/19/17	
	B1	ECN #24-0076	04/01/24	

SPECIFICATIONS

- FREQUENCY RANGE: _____ 0.1 TO 18.0 GHz
- INSERTION LOSS: _____ 4.5 dB TYP., 6.0 dB MAX
- ISOLATION: _____ 80 dB MIN
- VSWR (ON/OFF): _____ 2.0:1 MAX
- SWITCHING SPEED: _____ 200ns MAX
- CONTROL LOGIC: _____ INDIVIDUAL TTL CONTROL
"0" = LOW LOSS & "1" = ISOLATION
- OPERATING POWER: _____ +36 dBm CW MAX
- DC SUPPLY: _____ +5 VDC @ 200 mA MAX
-15 VDC @ 150 mA MAX
- CONNECTORS IN/OUT: _____ SMA (F) REMOVABLE
- CONTROL CONNECTORS: _____ SOLDER PINS
- FINISH: _____ EPOXY PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: _____ -40°C TO + 85°C (OPERATING)
-55°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

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Quantic PMI
PLANAR MONOLITHICS

APPROVALS		DATE	TITLE			
DRAWN EMF		03/21/17	OUTLINE P4T-100M18G-80-T-515-SFF-4W-IND			
REDRAWN SPU		04/19/17	SIZE A	FSCM NO. 05XQ0	DWG NO. 27032462	REV. B1
ISSUED			SCALE N:S		SHEET 1 OF 1	

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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