

DESCRIPTION

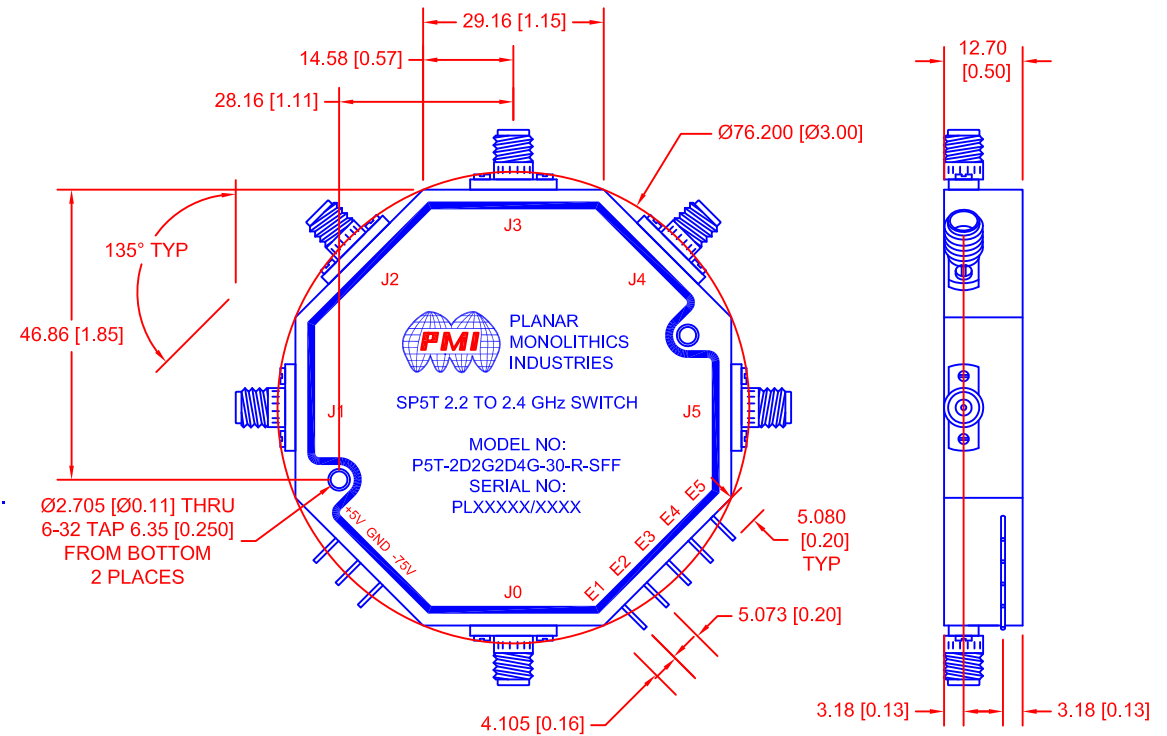
PMI MODEL: P5T-2D2G2D4G-30-R-SFF IS A 5-WAY SWITCH OPERATING OVER THE 2.2 TO 2.4 GHz FREQUENCY RANGE. THIS MODEL OFFERS A MAXIMUM INSERTION LOSS OF 1.0 dB WHILE MAINTAINING A MINIMUM ISOLATION OF 20 dB AND A MAXIMUM SWITCHING SPEED OF 500 ns.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/10/16	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2.2 TO 2.4 GHz
- ISOLATION: ----- 30 dB GOAL, 20 dB MINIMUM
- INSERTION LOSS: ----- 0.5 dB GOAL, 1.0 dB MAXIMUM
- SWITCHING SPEED: ----- 500 ns MAXIMUM
- POWER HANDLING: ----- AVERAGE: 75 W MAXIMUM
PEAK: 150 W MAXIMUM
- DC SUPPLY: ----- +5 V @ 700 mA MAXIMUM
-75 V @ 50 mA MAXIMUM
- CONNECTORS: ----- SMA FEMALE
- SIZE: ----- Ø76.2 mm x 12.70 mm
Ø3.00" x 0.50"
- FINISH: ----- BLUE EPOXY POLIMIDE COATING
IAW MIL-C-22750, TYPE I OVER
EPOXY POLIMIDE PRIMER IAW
MIL-P-23377, TYPE I, CLASS 1 OR 3.



ENVIRONMENTAL RATINGS

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN mm [INCH]
TOLERANCES:
X.XX ± 0.508 [0.020]
X.XXX ± 0.254 [0.010]

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>M. Berry</i>		06/10/16	PRODUCT FEATURE SP5T 2.2 TO 2.4 GHz SWITCH P5T-2D2G2D4G-30-R-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S		SHEET 1 OF 1	