

DESCRIPTION

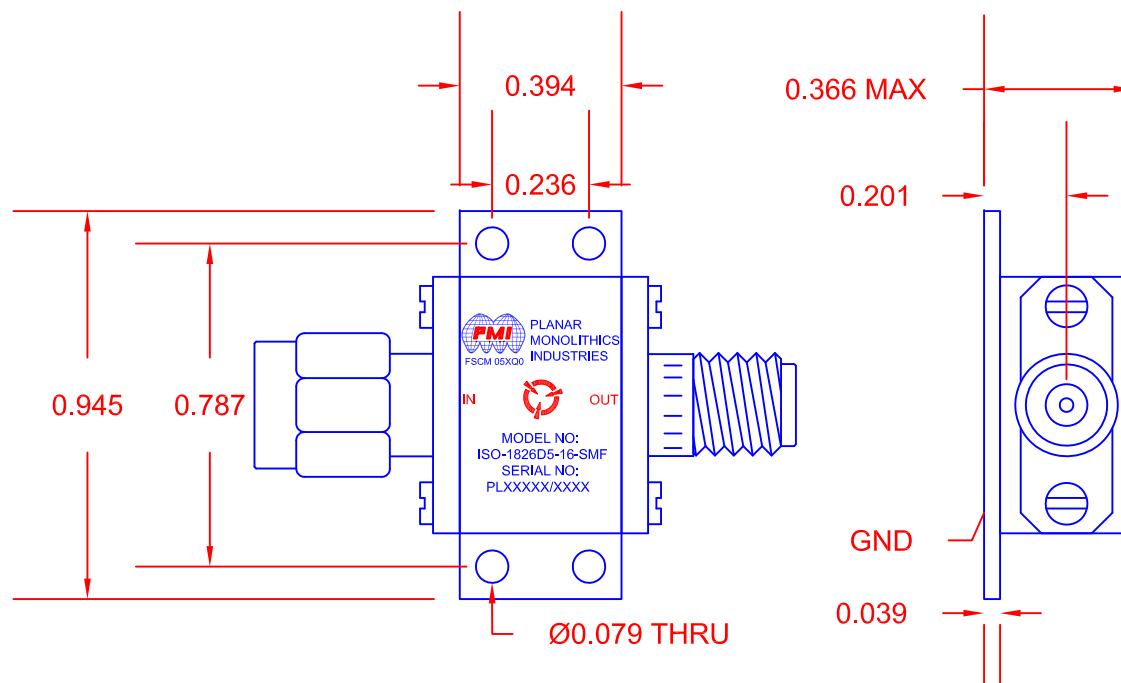
PMI MODEL NO. ISO-1826D5-16-SMF IS AN ISOLATOR THAT OPERATES OVER THE FREQUENCY RANGE OF 18.0 TO 26.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.6 dB AND A MINIMUM ISOLATION OF 16 dB. THIS MODEL IS OUTFITTED WITH A SMA MALE INPUT CONNECTOR AND A SMA FEMALE OUTPUT CONNECTOR.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/6/2020	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 18.0 TO 26.5 GHz
- INSERTION LOSS: 1.6 dB MAX
- ISOLATION: 16 dB MIN
- VSWR: 1.6 MAX
- FORWARD POWER: 10 WATTS
- REVERSE POWER: 2 WATTS
- CONNECTORS IN/OUT: SMA MALE/SMA FEMALE
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -30 °C TO +70 °C (OPERATING)
- 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

ALL DIMENSIONS
ARE IN INCHES [mm]
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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



TITLES				
APPROVALS	DATE	PRODUCT FEATURE ISO-1826D5-16-SMF		
DRAWN <i>EW</i>	4/6/20	SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
REDRAWN		SCALE N:S		REV. -
ISSUED				SHEET 1 OF 1