

DESCRIPTION

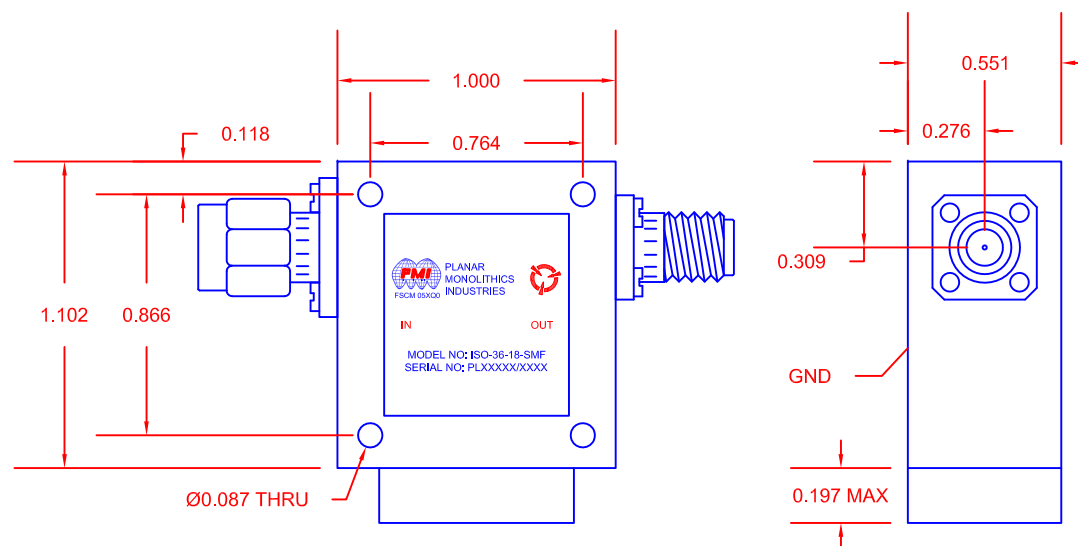
PMI MODEL NO. ISO-36-18-SMF IS AN ISOLATOR THAT OPERATES OVER THE FREQUENCY RANGE OF 3.0 TO 6.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 0.5 dB AND A MINIMUM ISOLATION OF 18 dB. THIS MODEL IS OUTFITTED WITH A SMA MALE INPUT CONNECTOR AND A SMA FEMALE OUTPUT CONNECTOR.

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

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 3.0 TO 6.0 GHz
- INSERTION LOSS: 0.5 dB MAX
- ISOLATION: 18 dB MIN
- VSWR: 1.3 MAX
- FORWARD POWER: 100 WATTS
- REVERSE POWER: 20 WATTS
- CONNECTORS IN/OUT: SMA MALE/SMA FEMALE
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °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

PMI CONFIDENTIAL AND PROPRIETARY

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

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ISO 9001 CERTIFIED



APPROVALS					TITLE			
DATE					PRODUCT FEATURE ISO-36-18-SMF			
DRAWN	EW	4/6/20						
REDRAWN					SIZE	FSCM NO.	DWG NO.	REV.
ISSUED					A	05XQ0	PRELIMINARY	-
					SCALE	N:S	SHEET	1 OF 1