

DESCRIPTION

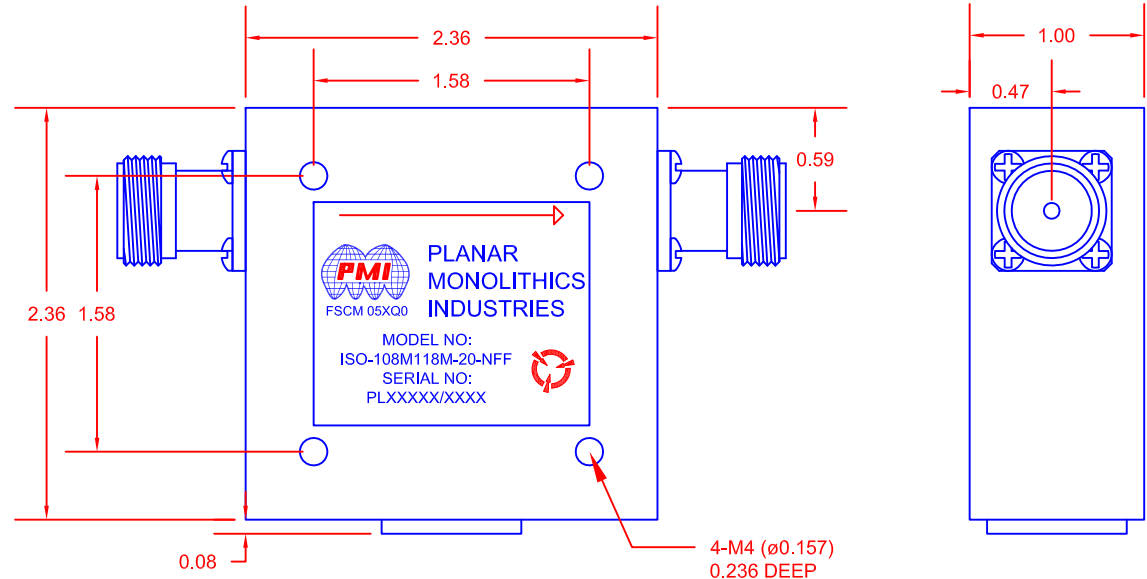
PMI MODEL NO. ISO-108M118M-20-NFF IS AN ISOLATOR THAT OPERATES OVER THE FREQUENCY RANGE OF 108 TO 118 MHZ. IT HAS A MAXIMUM INSERTION LOSS OF 0.6 dB AND A MINIMUM ISOLATION OF 20 dB. THIS MODEL IS OUTFITTED WITH N FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/29/18	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: ----- 108 TO 118 MHz
- INSERTION LOSS: ----- 0.6 dB MAX
- ISOLATION: ----- 20 dB MIN
- VSWR: ----- 1.2:1 MAX
- FORWARD POWER: ----- 60 WATTS MAX
- REVERSE POWER: ----- 60 WATTS MAX
- CONNECTORS IN/OUT: ----- N FEMALE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -20 °C TO +65 °C (OPERATING)
-30 °C TO +70 °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

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN	<i>EW</i>	11/12/18	PRODUCT FEATURE			A1
REDRAWN	<i>NFA</i>	11/29/18	ISO-108M118M-20-NFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	
			A	05XQ0	27036080	
			SCALE	N:S	SHEET	1 OF 1