

## DESCRIPTION

PMI MODEL NO. ISO-2G4G-18-SFF IS AN ISOLATOR THAT OPERATES OVER THE FREQUENCY 2.0 TO 4.0 GHz. IT HAS AN INSERTION LOSS OF 0.6 dB AND AN ISOLATION OF 18 dB. IT IS OUTFITTED WITH SMA FEMALE CONNECTORS.

## SPECIFICATIONS

- FREQUENCY RANGE: 2.0 TO 4.0 GHz
- INSERTION LOSS: 0.6 dB MAXIMUM
- ISOLATION: 18 dB MINIMUM
- VSWR: 1.3:1 MAXIMUM
- FORWARD POWER: 100 WATTS MAXIMUM
- REVERSE POWER: 10 WATTS MAXIMUM
- CONNECTORS: SMA FEMALE

## ENVIRONMENTAL RATINGS

- TEMPERATURE: -30 °C TO +75 °C (OPERATING)  
-35 °C TO +80 °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

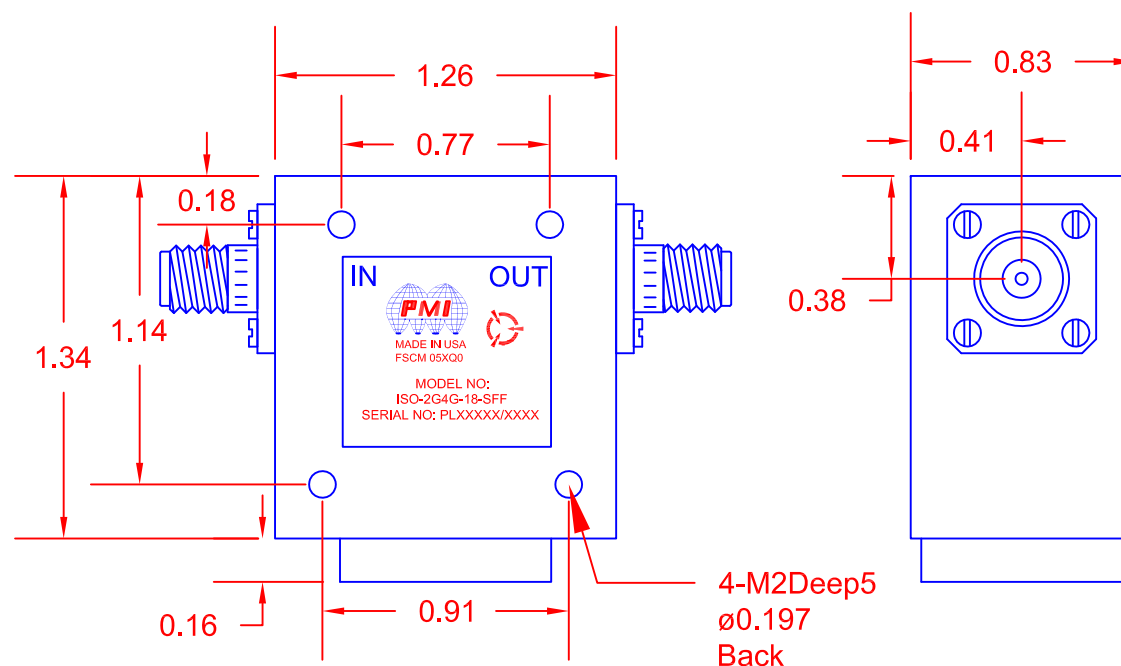
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/10/2018	

## MECHANICAL OUTLINE



## PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



		TITLE  PRODUCT FEATURE ISO-2G4G-18-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>9/10/18</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO.  PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		