

DESCRIPTION

PMI MODEL NUMBER PTP-0R5G40G-2G18G-SFF IS A TRIPLEXER COVERING THE 0.5 TO 40.0 GHz FREQUENCY RANGE. THIS TRIPLEXER HAS THE FOLLOWING SPECIFICATIONS:

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 40.0 GHz (0.5 TO 2 GHz, 2 TO 18.0 GHz, 18.0 TO 40.0 GHz)
- CROSSOVER FREQUENCY: 2.0/18.0 GHz
- INSERTION LOSS AT CENTER FREQUENCY: 2 dB GOAL, 4 dB MAX
- CROSSOVER RANGE: ±5% OF CROSSOVER
- REJECTION: DC TO 0.2 GHz, ABOVE 42.0 GHz, ±15% OF CROSSOVER, 60 dB MIN
- IN/OUT VSWR: 2.0:1 MAX
- PASSBAND RIPPLE: 0.5 dB MAX PEAK TO PEAK
- IMPEDANCE: 50 OHMS
- CONNECTORS: 2.92mm FEMALE
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE (OPERATING): -55 °C TO +85 °C

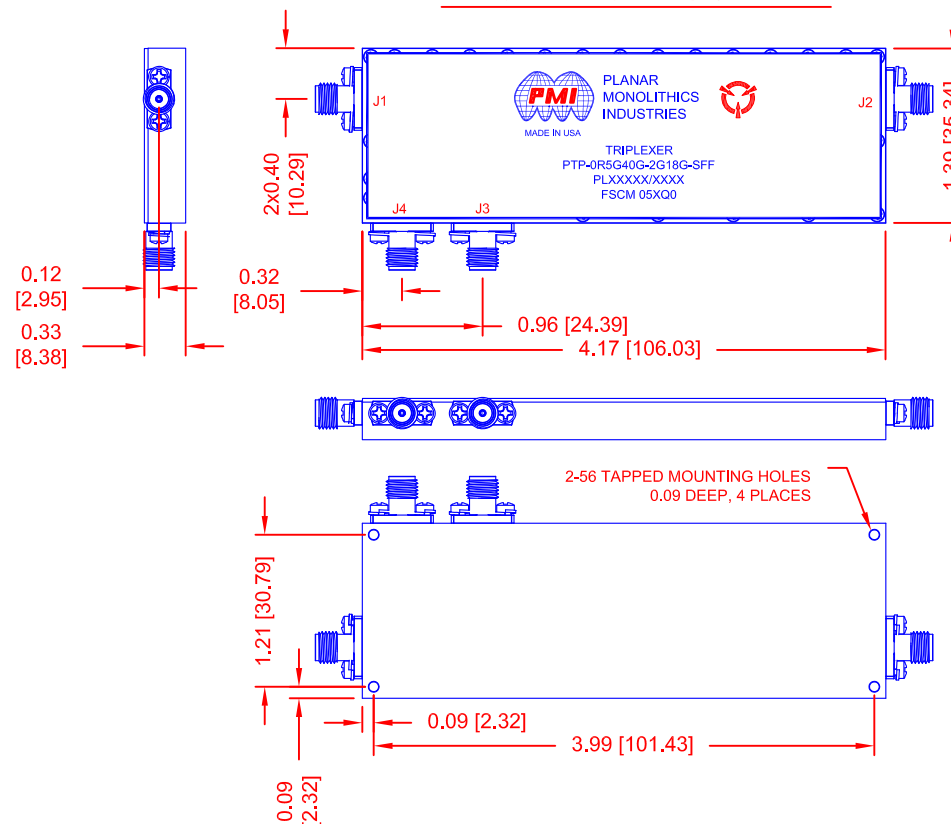
ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/27/18	
	1	INSERTION LOSS UPDATE	8/13/18	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>B. Thomas</i>		2/17/17	PRODUCT FEATURE PTP-0R5G40G-2G18G-SFF			
REDRAWN <i>BW</i>		7/27/18	SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. 1
ISSUED			SCALE N:S	SHEET 1 OF 1		