

DESCRIPTION

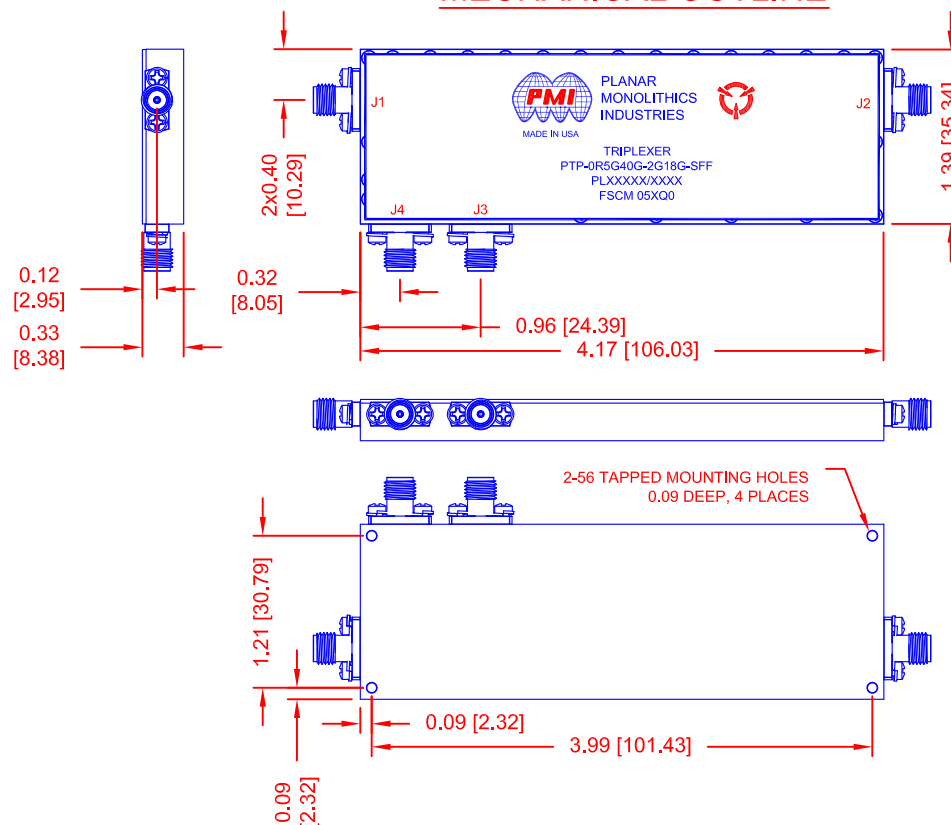
PMI MODEL NUMBER PTP-0R5G40G-2G18G-SFF IS A TRIPLEXER COVERING THE 0.5 TO 40.0 GHz FREQUENCY RANGE. THIS TRIPLEXER HAS THE FOLLOWING SPECIFICATIONS:

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: $\pm 5\%$ OF CROSSOVER
- REJECTION: DC TO 0.2 GHz, ABOVE 42.0 GHz, $\pm 15\%$ 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

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

MECHANICAL OUTLINE



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

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ISO 9001 CERTIFIED



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