

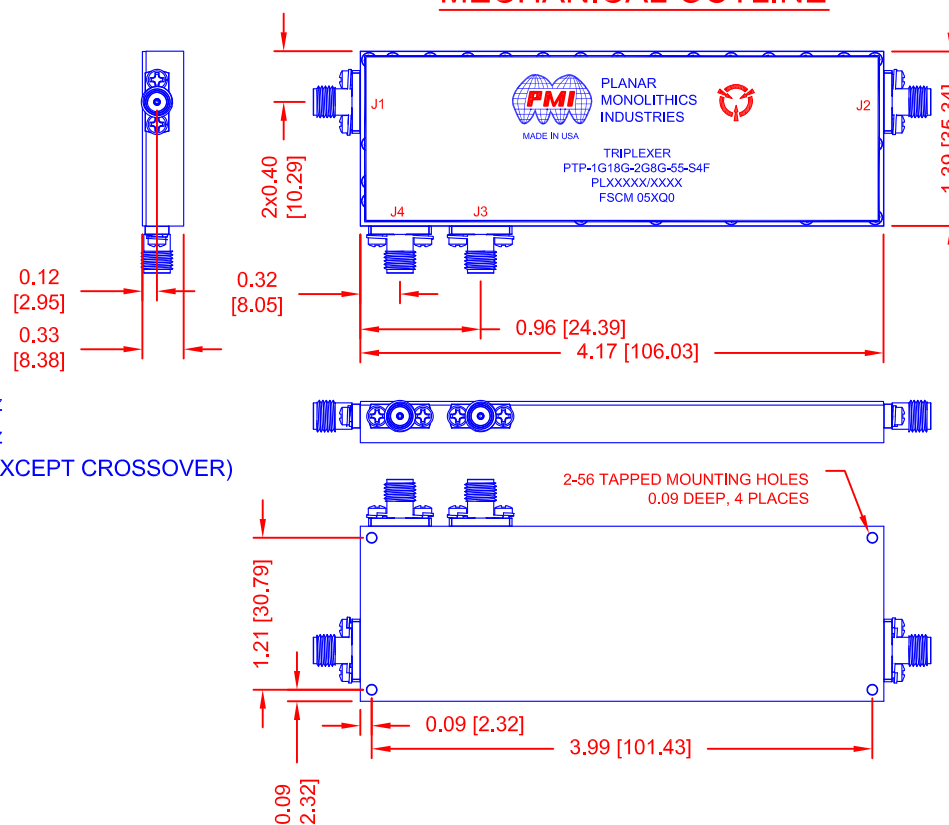
DESCRIPTION

PMI MODEL NUMBER PTP-1G18G-2G8G-55-S4F IS A TRIPLEXER COVERING THE 1.0 GHz TO 18.0 GHz FREQUENCY RANGE. THIS TRIPLEXER HAS THE FOLLOWING SPECIFICATIONS:

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	2/17/2017	
	2	MECHANICAL UPDATES	6/20/2017	
	A1	ECN # 17-0024	7/24/2017	

SPECIFICATIONS

- INSERTION LOSS (J1 TO J2): 6.0 dB TYP @ 1.0 TO 1.9 GHz
(J1 TO J3): 3.0 dB TYP @ 2.1 TO 7.6 GHz
(J1 TO J4): 2.5 dB TYP @ 8.4 TO 18.0 GHz
- OUT-OF-BAND REJECTION (J1 TO J2): 50 dB MIN @ DC TO 0.75 GHz
50 dB MIN @ 2.3 TO 18.0 GHz
(J1 TO J3): 55 dB MIN @ DC TO 1.7 GHz
55 dB MIN @ 9.2 TO 18.0 GHz
(J1 TO J4): 50 dB MIN @ DC TO 6.8 GHz
40 dB MIN @ 20.5 TO 26 GHz
- Crossover (J2/J3): 10.0 dB TYP @ 1.98 TO 2.02 GHz
(J3/J4): 10.0 dB TYP @ 7.92 TO 8.08 GHz
- VSWR (J1): 2.0:1 MAX @ 1.0 TO 18.0 GHz (EXCEPT CROSSOVER)
(J2): 2.0:1 MAX @ 1.0 TO 1.9 GHz
(J3): 2.0:1 MAX @ 2.1 TO 7.6 GHz
(J4): 2.0:1 MAX @ 8.4 TO 18.0 GHz
- MAXIMUM INPUT POWER: +20 dBm CW
- CONNECTORS: SMA (F)
- SIZE (L X W X H): 4.17" X 1.39" X 0.33" MAX
- WEIGHT: TBD
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

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



		TITLE PRODUCT FEATURE PTP-1G18G-2G8G-55-S4F						
APPROVALS	DATE							
DRAWN <i>B. Thomas</i>	<i>2/17/17</i>							
REDRAWN <i>JPV</i>	<i>06/14/17</i>	SIZE A	FSCM NO. 05XQ0	DWG NO. 27031401			REV. A	
ISSUED		SCALE N:S			SHEET		1 OF 1	