

DESCRIPTION

PMI MODEL: APD-2-24-292FF IS A TWO WAY POWER DIVIDER OPERATING OVER THE 2.0 TO 4.0 GHz FREQUENCY RANGE. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND HAS VERY GOOD PHASE AND AMPLITUDE MATCH. THE COMPACT 1.00" x 1.00" x 0.40" HOUSING IS OUTFITTED WITH 2.92 mm FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: --- 2.0 TO 4.0 GHz
- INSERTION LOSS: ----- 1.0 dB MAXIMUM
- VSWR: ----- 1.7:1 MAXIMUM
- ISOLATION: ----- 20 dB TYPICAL
14 dB MINIMUM
- AMPLITUDE BALANCE: -- ±0.1 dB TYPICAL
±0.2 dB MAXIMUM
- PHASE BALANCE: ----- ±0.75° TYPICAL
±1.5° MAXIMUM
- REVERSE POWER HANDLING: ----- 1 WATT MINIMUM
- CONNECTORS: ----- 2.92 mm FEMALE REMOVABLE
- SIZE: ----- 25.4 mm x 25.4 mm x 10.16 mm
[1.00" x 1.00" x 0.40"]
EXCLUDING CONNECTORS
- FINISH: ----- PAINTED BLUE WITH HERMETIC
SEALING OPTION AVAILABLE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °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

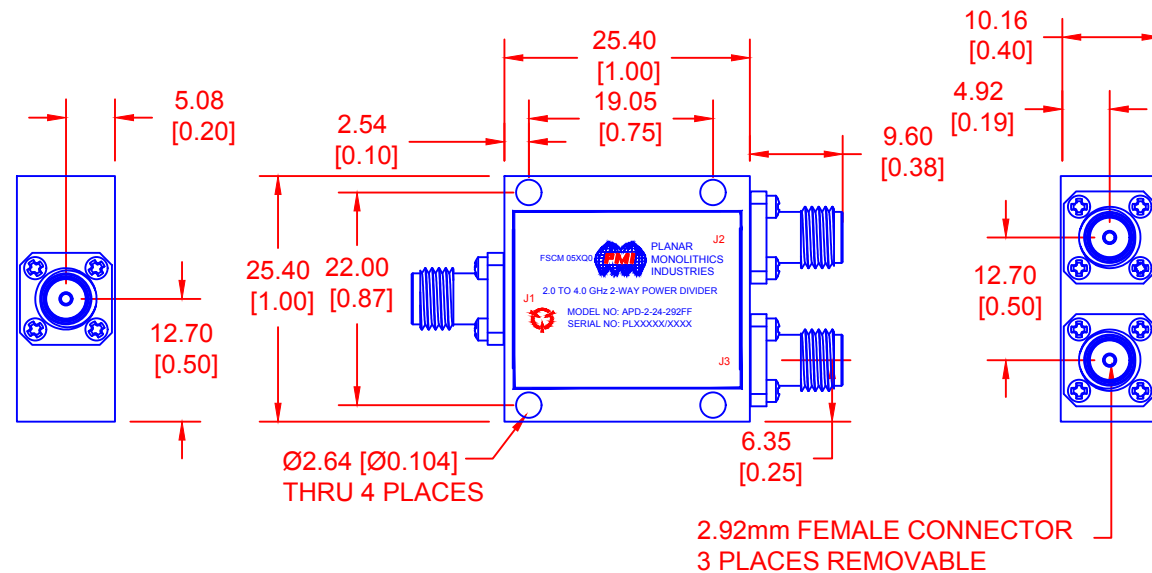
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	04/15/20	

MECHANICAL OUTLINE



ALL DIMENSIONS
ARE IN mm [INCH]
TOLERANCES:
X.XX ± 0.508 [0.020]
X.XXX ± 0.254 [0.010]

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APPROVALS		DATE	TITLE		
DRAWN <i>GJR</i>		04/15/20	PRODUCT FEATURE APD-2-24-292FF 2.0 to 4.0 GHz TWO WAY POWER DIVIDER		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	27038560
			SCALE	N:S	SHEET 1 OF 1
					REV. A1