DESCRIPTION

PMI MODEL: APD-2-620-292FF IS A TWO WAY POWER DIVIDER OPERATING OVER THE 6 TO 20 GHz FREQUENCY RANGE. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 2.2 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.

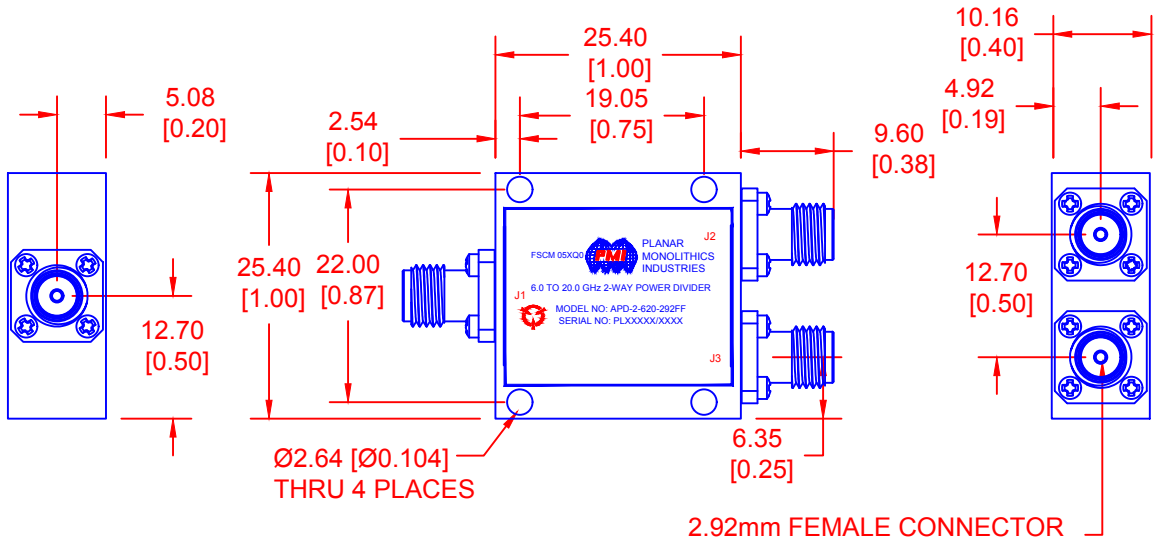
REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	09/19/20	

SPECIFICATIONS

- FREQUENCY RANGE: ---- 6 TO 20 GHz
- INSERTION LOSS: --------- 2.2 dB MAXIMUM
- VSWR: ---------- 1.9:1 MAXIMUM
- ISOLATION: ---------- 20 dB TYPICAL
17 dB MINIMUM
- AMPLITUDE BALANCE: -- ±0.20 dB TYPICAL
±0.40 dB MAXIMUM
- PHASE BALANCE: --------- ±1.5° TYPICAL
±3.0° 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

MECHANICAL OUTLINE



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

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

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APPROVALS	DATE
DRAWN GJR	09/19/20
CHECKED	
ISSUED	

TITLE
PRODUCT FEATURE
APD-2-620-292FF
6 to 20 GHz TWO WAY POWER DIVIDER

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27038680	A1

SCALE N:S SHEET 1 OF 1