

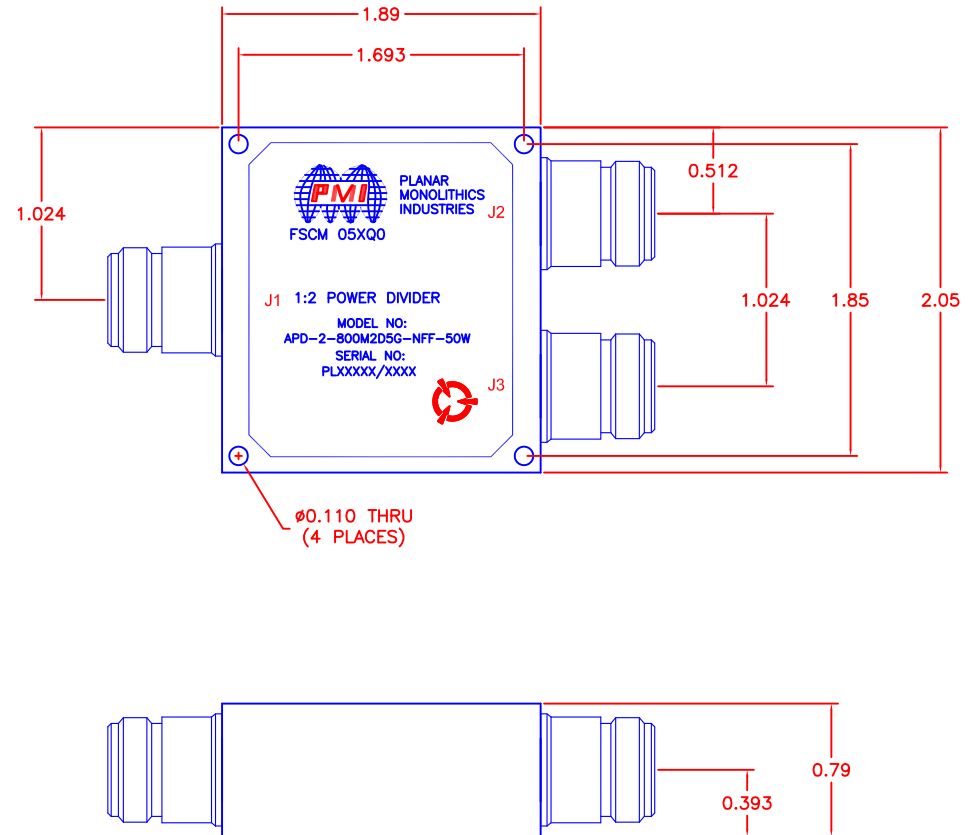
DESCRIPTION

PMI MODEL APD-2-800M2D5G-NFF-50W IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR BROADBAND USE AND HIGH RELIABILITY.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/04/15	

SPECIFICATIONS

- FREQUENCY RANGE: 0.8 TO 2.5GHz
- INSERTION LOSS: $\leq 0.4\text{dB}$
- VSWR: $\leq 1.25:1$
- ISOLATION: 22dB MINIMUM
- AMPLITUDE BALANCE: $\leq \pm 0.2\text{dB}$
- PHASE BALANCE: $\leq \pm 2^\circ$
- POWER HANDLING: FORWARD ≤ 50 Watts
REVERSED ≤ 1 Watt
- IMPEDANCE: 50Ω
- CONNECTORS: N-FEMALE
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO $+70^\circ\text{C}$ (OPERATING)
..... -65°C TO $+125^\circ\text{C}$ (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

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APPROVALS		DATE	TITLE			
DRAWN <i>SAB</i>		9/04/15	PRODUCT FEATURE			
CHECKED			APD-2-800M2D5G-NFF-50W			
ISSUED			0.8 - 2.5GHz 2-WAY POWER DIVIDER			
SIZE	FSCM NO.	DWG NO.	REV.			
A	05XQ0	27027901	A1			
SCALE N:S			SHEET 1 OF 1			