

DESCRIPTION

PMI MODEL APD-4-800M2D5G-SFF-30W IS A FOUR WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR BROADBAND USE AND HIGH RELIABILITY.

SPECIFICATIONS

- FREQUENCY RANGE: 0.8 TO 2.5 GHz
- INSERTION LOSS: ≤ 0.7 dB
- VSWR: $\leq 1.25:1$
- ISOLATION: 20 dB MINIMUM
- AMPLITUDE BALANCE: $\leq \pm 0.3$ dB
- PHASE BALANCE: $\leq \pm 6^\circ$
- POWER HANDLING: FORWARD ≤ 30 W
REVERSED ≤ 1 W
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE (X5)
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

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

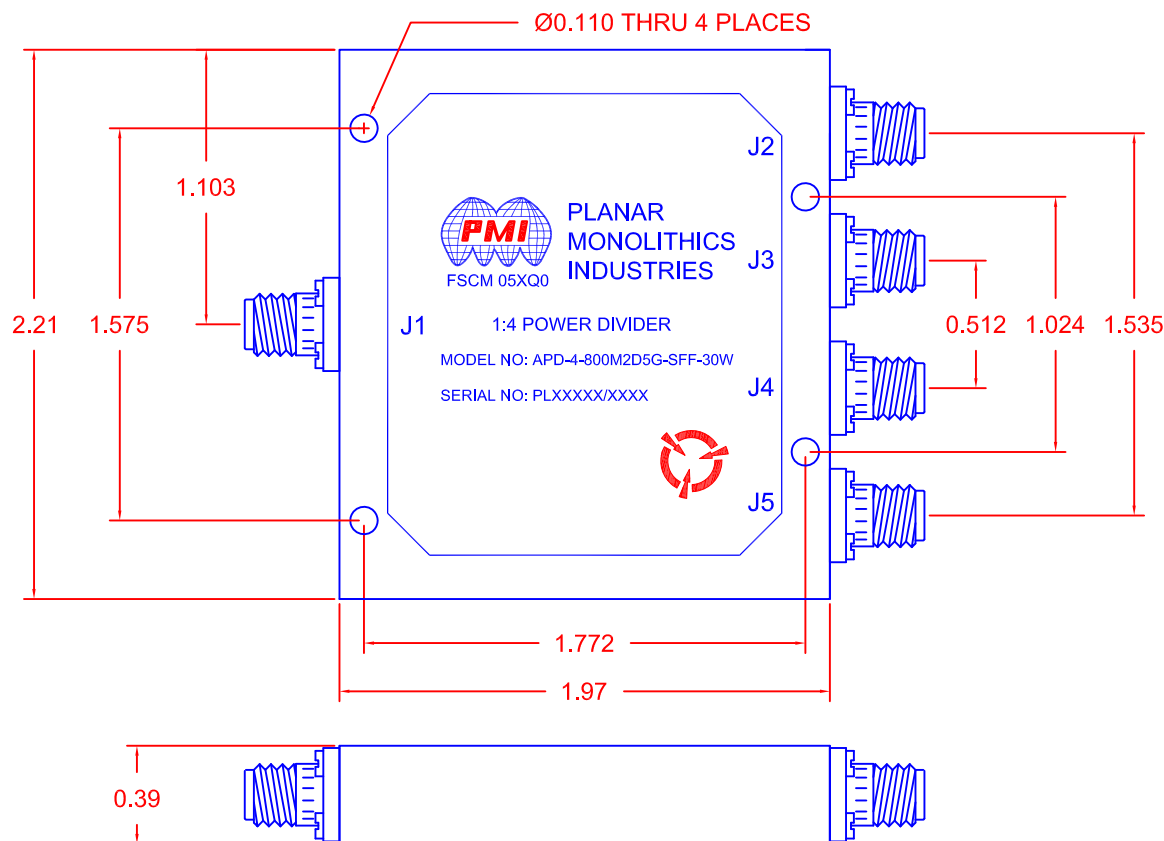
ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	05/14/15	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		M. Berry		05/14/15		PRODUCT FEATURE	
CHECKED						APD-4-800M2D5G-SFF-30W	
ISSUED							
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27025661	REV.	A1
SCALE	N:S					SHEET	1 OF 1