

DESCRIPTION

PMI MODEL APD-16-5R5G6R5G-NFF IS A SIXTEEN WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR NARROWBAND USE AND HIGH RELIABILITY.

SPECIFICATIONS

- FREQUENCY RANGE: 5.5 GHz TO 6.5 GHz
- INSERTION LOSS: ≤ 2.0 dB
- VSWR: $\leq 2.0:1$
- ISOLATION: 20 dB MINIMUM
- AMPLITUDE BALANCE: $\leq \pm 0.6$ dB
- PHASE BALANCE: $\leq \pm 12^\circ$
- POWER HANDLING: FORWARD ≤ 20 W
REVERSED ≤ 1 W
- IMPEDANCE: 50 Ω
- CONNECTORS: N FEMALE (X17)
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +70 °C (OPERATING)
- HUMIDITY: UP TO 90%, NONCONDENSING
- 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

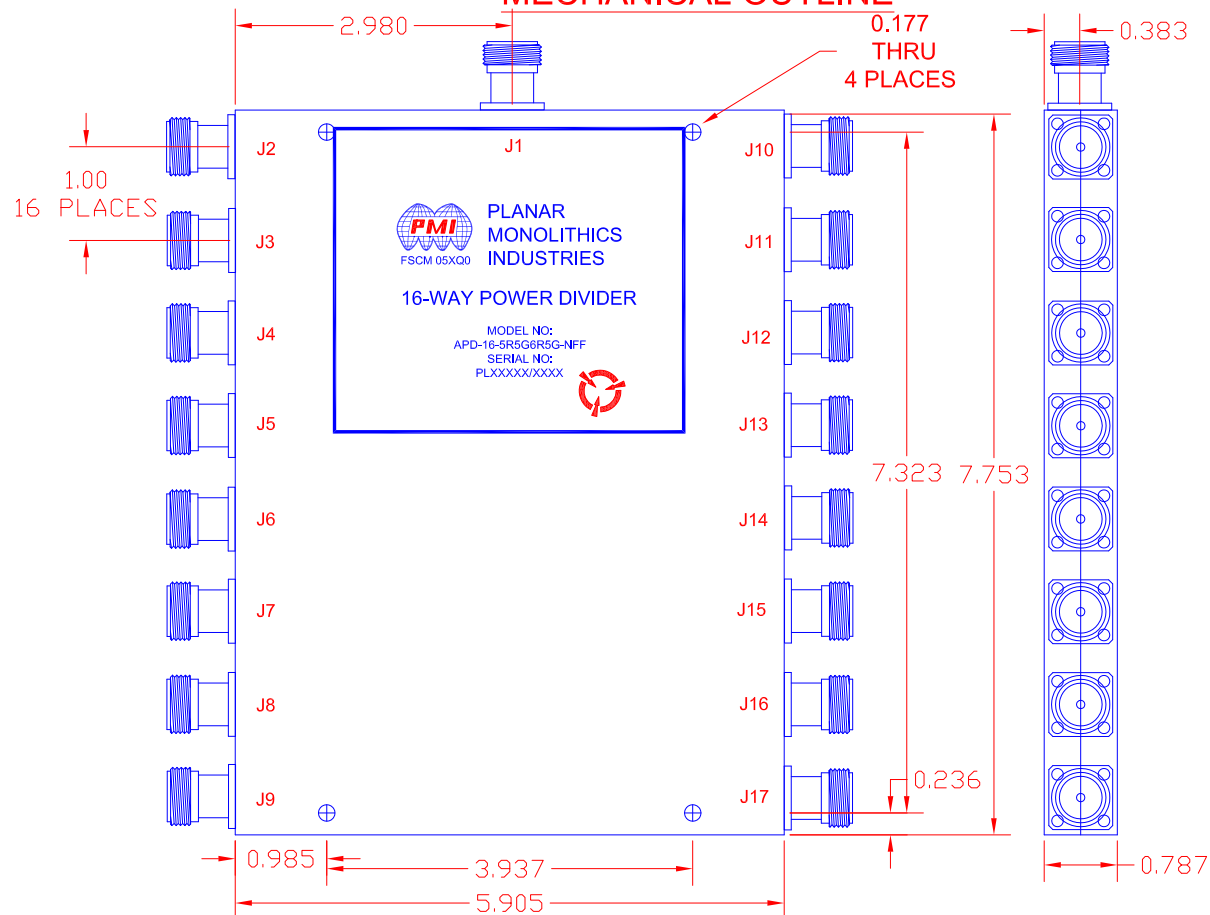
ALL DIMENSIONS ARE IN INCHES

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	08/18/15	JS

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE APD-16-5R5G6R5G-NFF				
APPROVALS	DATE					
DRAWN <i>JS</i>	8/18/15					
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S			SHEET 1	OF 1