

DESCRIPTION

PMI MODEL NO. APD-4-5M1G-BNC IS A 4-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 5 TO 1000 MHZ. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB AND A MINIMUM ISOLATION OF 20 dB. THIS MODEL IS OUTFITTED WITH BNC FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: 5 TO 1000 MHz
- ISOLATION: 20 dB MIN
- INSERTION LOSS: 2.5 dB MAX
- AMPLITUDE BALANCE: ± 0.5 dB MAX
- PHASE BALANCE: $\pm 5.0^\circ$ MAX
- POWER HANDLING: FORWARD: 5 WATTS MAX
REVERSE: 0.5 WATTS MAX
- VSWR IN/OUT: 1.5:1 MAX
- IMPEDANCE: 50 OHMS NOMINAL
- CONNECTORS: BNC FEMALE

ENVIRONMENTAL RATINGS

- TEMPERATURE: 0 °C TO +50 °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

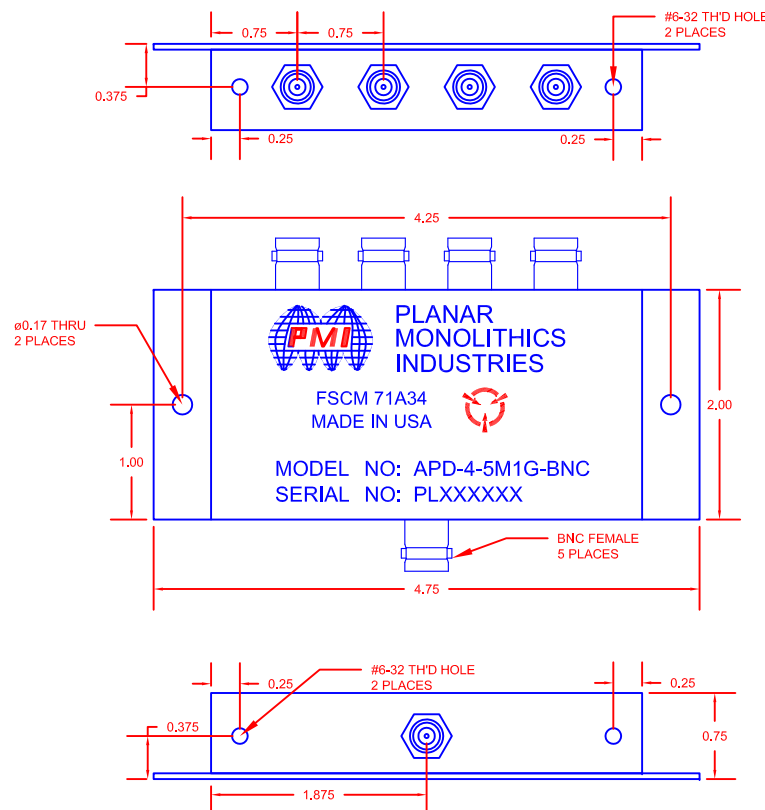
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/5/2018	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE APD-4-5M1G-BNC								
APPROVALS	DATE									
DRAWN <i>EW</i>	11/5/18									
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -					
ISSUED		SCALE N:S			SHEET 1	OF 1				