DESCRIPTION

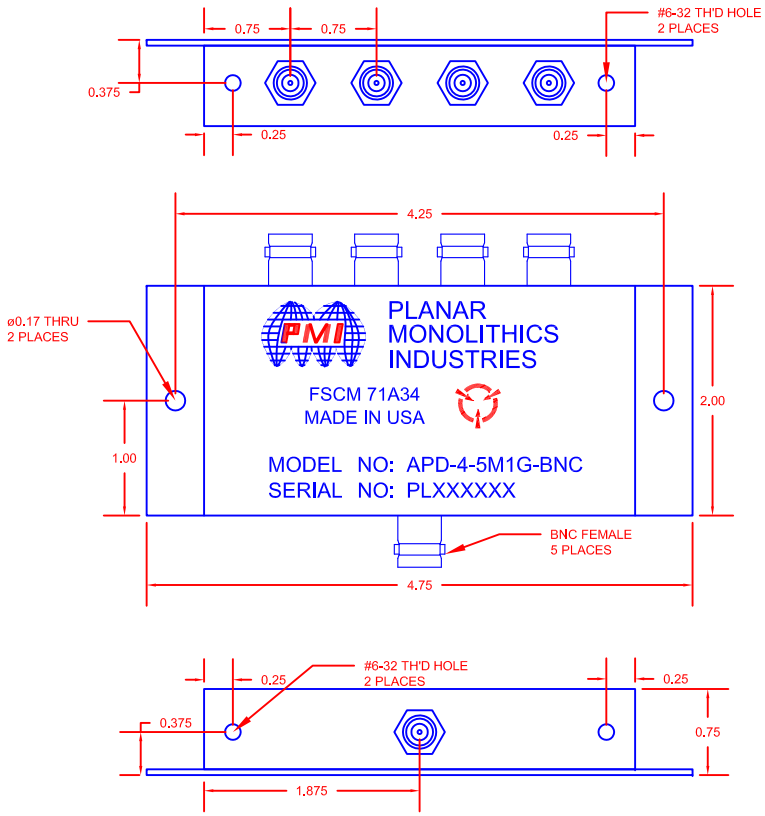
PMI MODEL NO. APD-4-5M1G-BNC IS A 4-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 5 TO 1000 MHZ. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB AND A MINIMUM ISOLATION OF 20 dB. THIS MODEL IS OUTFITTED WITH BNC FEMALE CONNECTORS.

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

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: ---------- ±5.0° 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

MECHANICAL OUTLINE



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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN CW	11/5/18
REDRAWN	
ISSUED	

TITLE: PRODUCT FEATURE
APD-4-5M1G-BNC

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	-

SCALE N:S SHEET 1 OF 1