

DESCRIPTION

PMI MODEL: APD-4-1G40G-292FF IS A FOUR WAY POWER DIVIDER OPERATING AT 1.0 TO 40.0 GHz. THIS MODEL HAS AN INSERTION LOSS OF 6.8 dB MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: --- 1.0 TO 40.0 GHz
- INSERTION LOSS: ----- 6.0 dB MAXIMUM
- ISOLATION: ----- 14 dB MINIMUM
- VSWR (INPUT): ----- 1.7:1 MAXIMUM
- VSWR (OUTPUT): ----- 1.6 MAXIMUM
- AMPLITUDE BALANCE: -- ± 1.0 dB MAXIMUM
- PHASE BALANCE: ----- $\pm 12^\circ$
- POWER HANDLING: ----- FORWARD 10 WATTS MAXIMUM
REVERSED 1 WATT MAXIMUM
- CONNECTORS: ----- 2.92 mm FEMALE REMOVABLE
- WEIGHT: ----- 220 g

ENVIRONMENTAL RATINGS

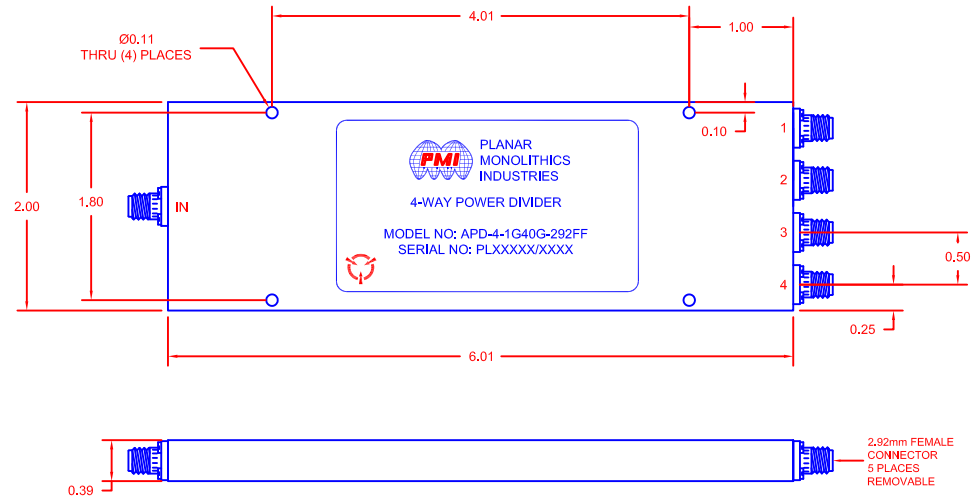
- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK:----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	6/8/23	

MECHANICAL OUTLINE



ALL DIMENSIONS
ARE IN mm [INCH]
TOLERANCES:
X.XX ± 0.508 [0.020]
X.XXX ± 0.254 [0.010]

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>AG</i>		6/8/23	PRODUCT FEATURE APD-4-1G40G-292FF Four Way Power Divider		
CHECKED			SIZE A	FSCM NO. 05XQ0	REV. 1
ISSUED			DWG NO. PRELIMINARY	SHEET 1 OF 1	
			SCALE N:S		