

DESCRIPTION

PMI MODEL APD-2-500M2G-SFF IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR BROADBAND USE AND HIGH RELIABILITY.

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 2.0 GHz
- INSERTION LOSS: 0.5dB MAXIMUM
- VSWR: 1.25:1 MAXIMUM
- ISOLATION: 20dB MINIMUM
- AMPLITUDE BALANCE: ± 0.2 dB MAXIMUM
- PHASE BALANCE: $\pm 2^\circ$ MAXIMUM
- POWER HANDLING: 20W CW FORWARD MAXIMUM
1W CW REVERSE MAXIMUM
- IMPEDANCE: 50 OHMS
- FINISH: PAINTED BLUE

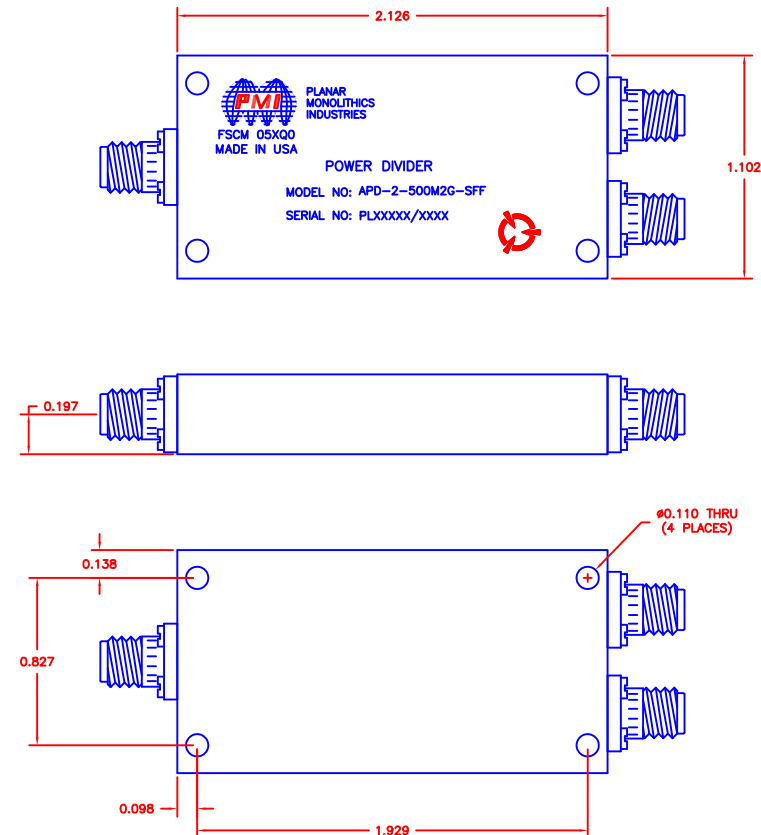
ENVIRONMENTAL RATINGS:

- 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	12/17/14	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE		
DRAWN <i>K. MASON</i>		12/17/14		PRODUCT FEATURE APD-2-500M2G-SFF 0.5 - 2.0 GHz 2 WAY POWER DIVIDER		
CHECKED				SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED				SCALE N:S	SHEET 1 OF 1	