

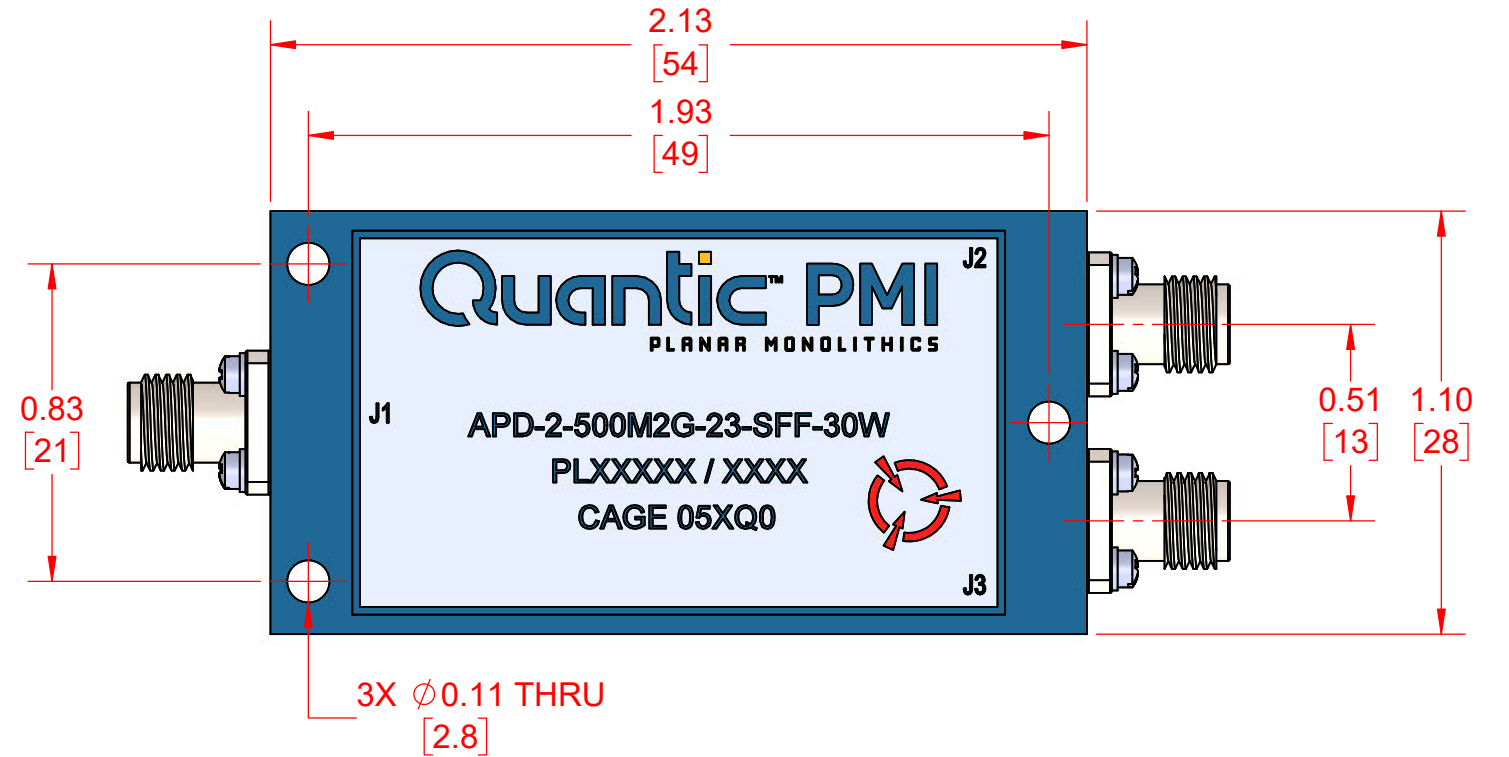
**DESCRIPTION:**

PMI MODEL NUMBER APD-2-500M2G-23-SFF-30W IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, LOW VSWR, AND HAS EXCELLENT PHASE AND AMPLITUDE BALANCE.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/22/2024	

**SPECIFICATIONS:**

- FREQUENCY RANGE:..... 0.5 TO 2.0 GHz
- INSERTION LOSS:..... 0.5 dB MAX (ABOVE 3.01 dB SPLIT)
- VSWR:..... INPUT 1.20:1 MAX  
OUTPUT 1.15:1 MAX
- ISOLATION:..... 23 dB MIN
- AMPLITUDE BALANCE:..... ±0.2 dB MAX
- PHASE BALANCE:..... ±2° MAX
- POWER HANDLING:..... FORWARD: 30 W MAX  
REVERSED: 1 W MAX
- IMPEDANCE:..... 50Ω
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



**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

PMI CONFIDENTIAL AND PROPRIETARY

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		APPROVALS DATE DRAWN S AZHAR 1/22/2024 REDRAWN ISSUED		TITLE OUTLINE APD-2-500M2G-23-SFF-30W	
		SIZE B FSCM NO. 05XQ0 DWG NO. 27048020 SCALE 2:1	REV. A1 SHEET 1 OF 1	Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED	