

## DESCRIPTION

PMI MODEL APD-4-400M8G-SFF-30W IS A FOUR WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, LOW VSWR AND HAS EXCELLENT PHASE AND AMPLITUDE BALANCE.

## SPECIFICATIONS

- FREQUENCY RANGE: 0.4 TO 8 GHz
- INSERTION LOSS: 3.0 dB MAXIMUM (ABOVE 6.02 dB SPLIT)
- VSWR: INPUT: 1.8:1 MAXIMUM  
OUTPUT: 1.5:1 MAXIMUM
- ISOLATION: 16 dB MINIMUM
- AMPLITUDE BALANCE: ±0.5 dB MAXIMUM
- PHASE BALANCE: ±6° MAXIMUM
- POWER HANDLING: FORWARD: 30 W MAXIMUM  
REVERSED: 1 W MAXIMUM
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE (X5)
- FINISH: PAINTED BLUE
- SOLDER: LEAD FREE, RoHS COMPLIANT
- WEIGHT: 330 g

## ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +65 °C (OPERATING)  
-65 °C TO +95 °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

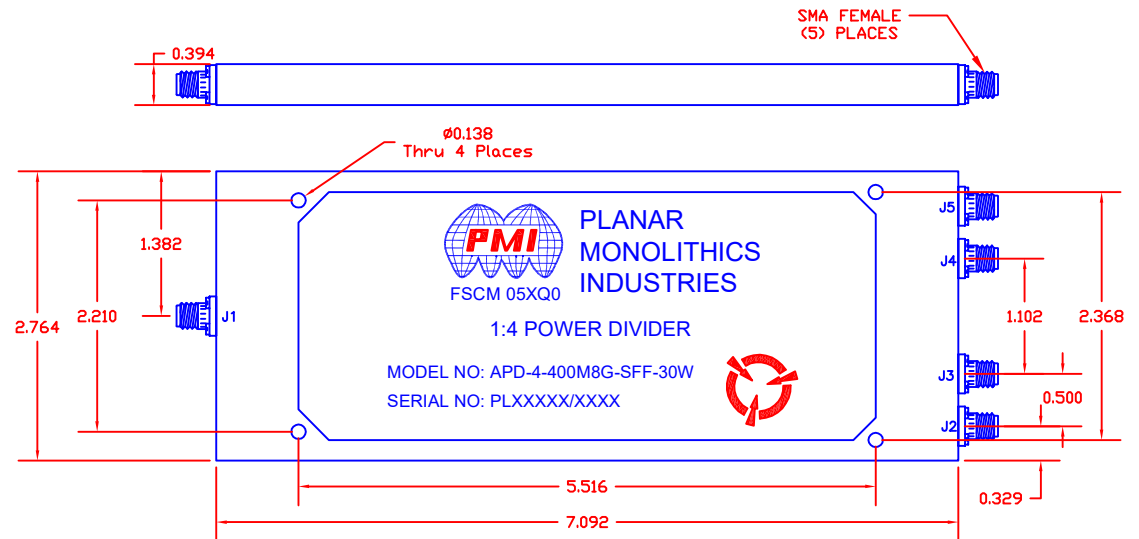
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

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

**PMI CONFIDENTIAL AND PROPRIETARY**

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/4/22	

## MECHANICAL OUTLINE



## PLANAR MONOLITHICS INDUSTRIES, INC.

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APPROVALS		DATE	TITLE		
DRAWN AF		3/4/22	PRODUCT FEATURE APD-4-400M8G-SFF-30W		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		REV. -
				SHEET	1 OF 1