

DESCRIPTION

PMI MODEL APD-4-400M13G-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 13 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: — $\pm 6^\circ$ 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

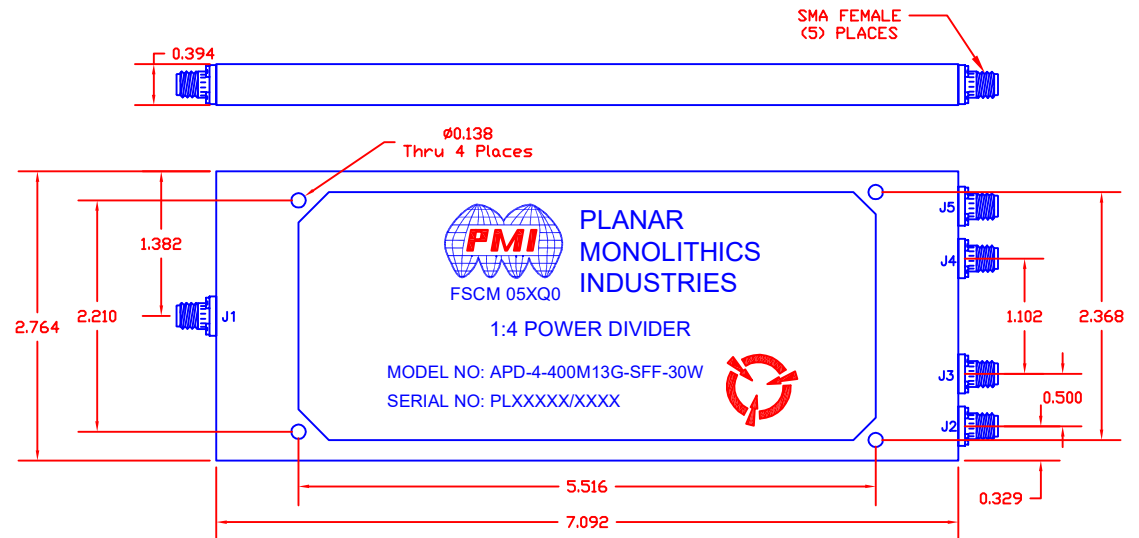
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

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.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: (301)-662-5019, FAX: (301)-662-1731

WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		AF		PRODUCT FEATURE	
CHECKED		3/4/22		APD-4-400M13G-SFF-30W	
ISSUED				PRELIMINARY	
SIZE	A	FSCM NO.	05XQ0	DWG NO.	
SCALE	N:S			SHEET	1 OF 1