

DESCRIPTION

PMI MODEL APD-4-400M3G-17-SFF-75W 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 3.0 GHz
- INSERTION LOSS: 1.8 dB MAXIMUM (ABOVE 6.02 dB SPLIT)
- VSWR: 1.5:1 MAXIMUM
- ISOLATION: 17 dB MINIMUM
- AMPLITUDE BALANCE: ± 0.5 dB MAXIMUM
- PHASE BALANCE: $\pm 6^\circ$ MAXIMUM
- POWER HANDLING: FORWARD: 75 W MAXIMUM
REVERSED: 5 W MAXIMUM
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE (X7)
- 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

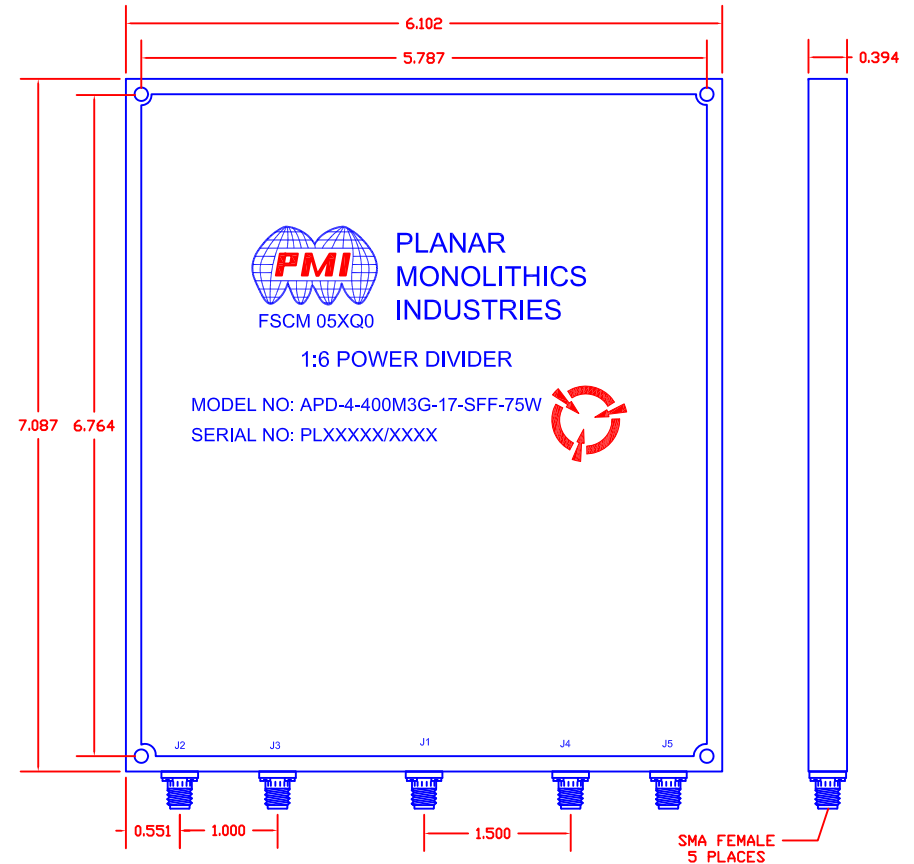
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/19/17	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE			
DRAWN <i>E.M.F.</i>		6/19/17	PRODUCT FEATURE APD-4-400M3G-17-SFF-75W			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
SCALE N:S			SHEET 1 OF 1			