

DESCRIPTION

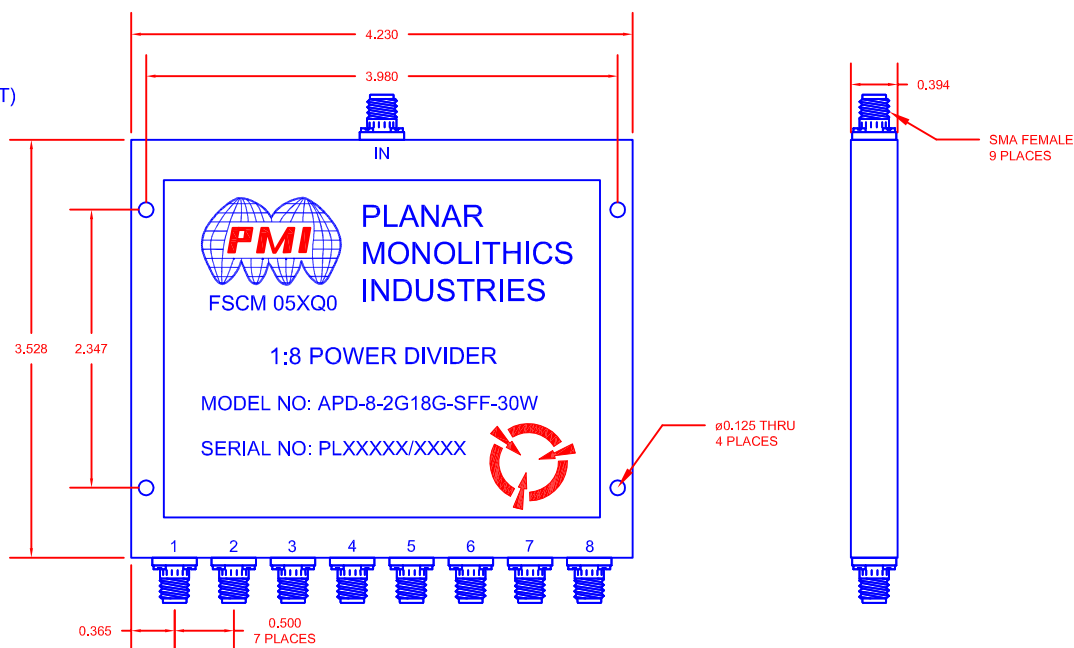
PMI MODEL NO. APD-8-2G18G-SFF-30W IS A 8-WAY POWER DIVIDER OPERATING OVER THE 2.0 TO 18.0 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A LOW INSERTION LOSS OF 2.6 dB MAXIMUM WITH AN ISOLATION OF 16 dB MINIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/3/2019	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 TO 18.0 GHz
- INSERTION LOSS: 2.6 dB MAXIMUM (ABOVE 9.03 dB SPLIT)
- VSWR INPUT/OUTPUT: 1.70:1 MAXIMUM/1.60:1 MAXIMUM
- ISOLATION: 16 dB MINIMUM
- AMPLITUDE BALANCE: ± 0.6 dB MAXIMUM
- PHASE BALANCE: $\pm 8^\circ$ MAXIMUM
- POWER HANDLING: FORWARD 30 WATT MAXIMUM
REVERSED 1 WATT MAXIMUM
- IMPEDANCE: 50 OHMS
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: UP TO 95%, NON-CONDENSING (OPERATING)

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

PMI CONFIDENTIAL AND PROPRIETARY

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		ALC	PRODUCT FEATURE			
REDRAWN			APD-8-2G18G-SFF-30W			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27037360	A1
			SCALE	N:S	SHEET	1 OF 1