

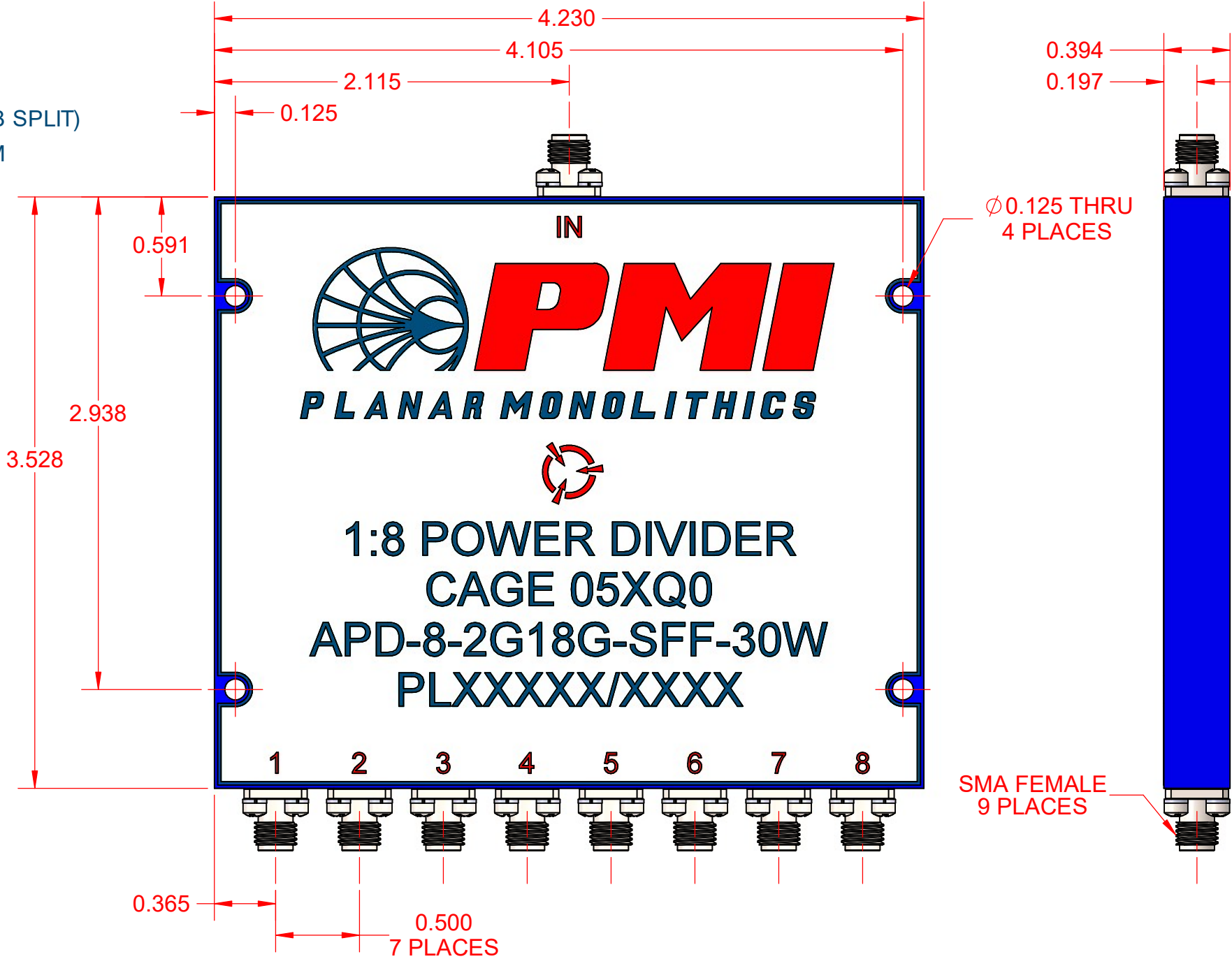
DESCRIPTION

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.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/03/2019	
	A2	ECN # 26-0155	08/03/2019	

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: ±8° MAXIMUM
- POWER HANDLING: FORWARD 30 WATT MAXIMUM
REVERSED 1 WATT MAXIMUM
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE



SMA FEMALE
9 PLACES

ENVIRONMENTAL RATINGS

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

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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			 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			
	APPROVALS	DATE	TITLE PRODUCT FEATURE APD-8-2G18G-SFF-30W			
	DRAWN ALC	10/03/2019				
	REDRAWN					
ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27037360	REV. A2	
		SCALE 1:1			SHEET 1 OF 1	