

## 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.

## 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 OHMS
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE

## ENVIRONMENTAL RATINGS

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

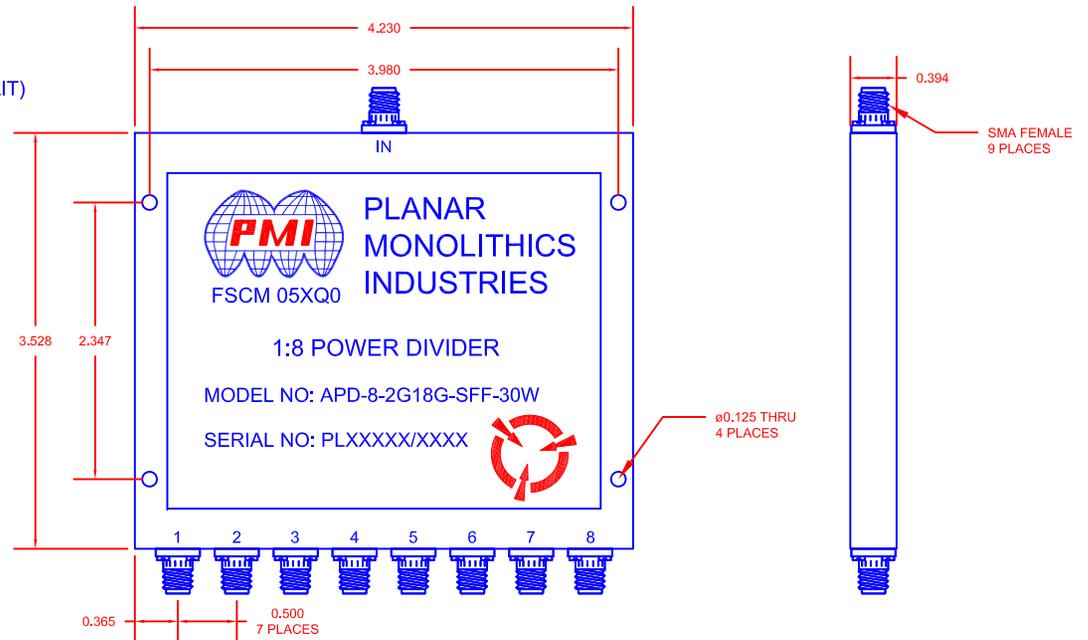
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/11/2018	

## MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>EW</i>		7/11/18	PRODUCT FEATURE APD-8-2G18G-SFF-30W			
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S	SHEET 1 OF 1		