

## DESCRIPTION

PMI MODEL APD-4-218-LC-2 IS A 2.0 TO 18.0 GHz, 4 WAY POWER DIVIDER HAVING A MAXIMUM INSERTION LOSS OF 2.0 dB (ABOVE 6.02 dB SPLIT).

## SPECIFICATIONS

- FREQUENCY RANGE:----- 2.0 TO 18.0 GHz
- INSERTION LOSS:----- 2.0 dB MAX (ABOVE 6.02 dB SPLIT)
- VSWR INPUT:----- 1.65:1 MAX
- VSWR OUTPUT:----- 1.50:1 MAX
- ISOLATION:----- 16 dB MIN
- AMPLITUDE BALANCE:----- 0.5 dB MAX
- PHASE BALANCE:----- 12° MAX
- POWER HANDLING:----- FORWARD: 10 WATTS MAX  
REVERSED: 1 WATT MAX
- IMPEDANCE:----- 50 Ω
- PORT CONNECTORS:----- SMA (F)
- FINISH:----- PAINTED BLUE

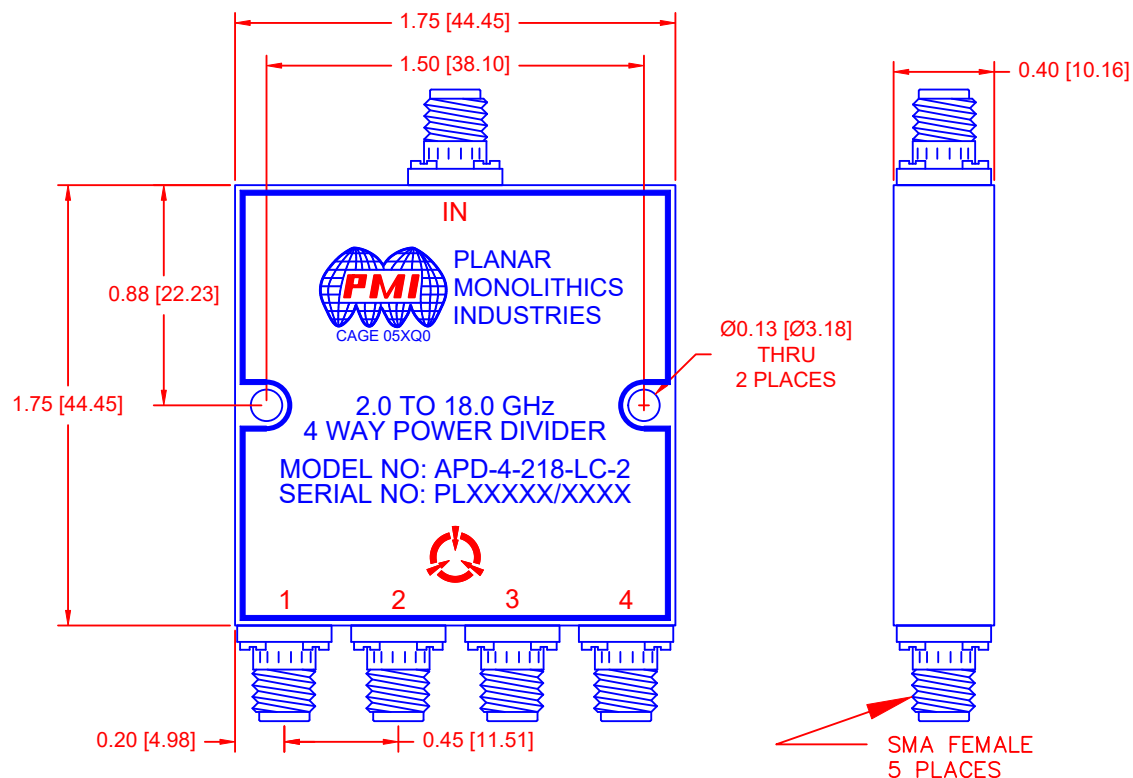
## ENVIRONMENTAL RATINGS

- TEMPERATURE:----- -55 °C TO +85 °C (OPERATING)  
-65 °C TO +125 °C (STORAGE)
- HUMIDITY:----- MIL-STD-202, METHOD 103B COND. B
- SHOCK:----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION:----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:----- MIL-STD-202, METHOD 107D COND. A

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/15/2019	

## MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN	CW	12/14/18	PRODUCT FEATURE APD-4-218-LC-2			
REDRAWN	SPU	05/15/19	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27036800	A1
			SCALE	N:S	SHEET	1 OF 1

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