

DESCRIPTION

PMI MODEL APD-4-218-LC-2-OPT6G18G IS A 6.0 TO 18.0 GHz, 4 WAY POWER DIVIDER HAVING A MAXIMUM INSERTION LOSS OF 0.9 dB.

SPECIFICATIONS

- FREQUENCY RANGE:----- 6.0 TO 18.0 GHz
- INSERTION LOSS: ----- 0.9 dB MAX
- VSWR INPUT: ----- 1.5:1 MAX
- VSWR OUTPUT: ----- 1.5:1 MAX
- ISOLATION: ----- 20 dB MIN
- AMPLITUDE BALANCE:----- 0.5 dB MAX
- PHASE BALANCE:----- $\pm 3^\circ$ MAX
- POWER HANDLING: ----- FORWARD: 10 WATTS MAX
REVERSED: 1 WATT MAX
- IMPEDANCE: ----- 50 Ω
- PORT CONNECTORS:----- SMA (F)
- FINISH:----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -54 °C TO +110 °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

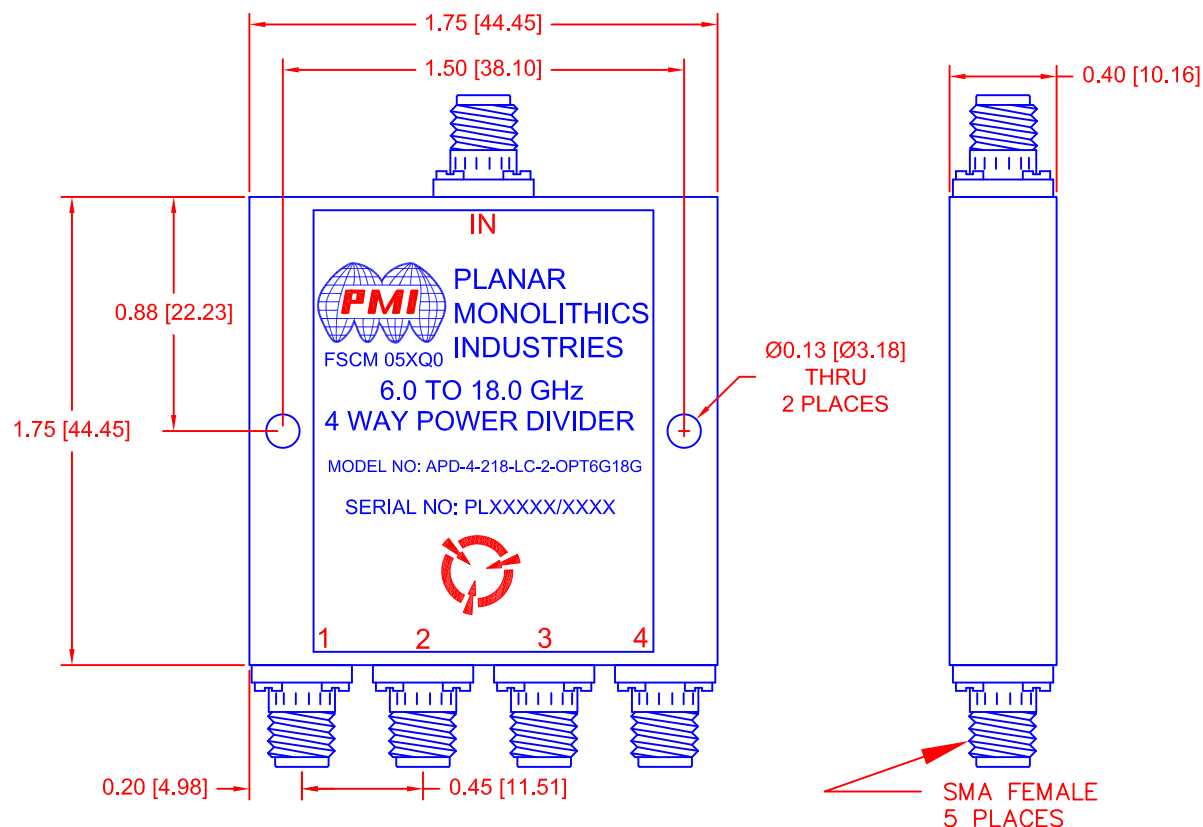
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	3/1/2019	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN	EW	12/14/18	PRODUCT FEATURE APD-4-218-LC-2-OPT6G18G			
REDRAWN	EW	3/1/19	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1