

DESCRIPTION

PMI MODEL APD-4-218-LC IS A 2.0 TO 18.0 GHz, 4 WAY POWER DIVIDER HAVING A MAXIMUM INSERTION LOSS OF 1.8 dB (ABOVE 6.02 dB SPLIT).

SPECIFICATIONS

- FREQUENCY RANGE:----- 2.0 TO 18.0 GHz
- INSERTION LOSS:----- 1.8 dB MAX (ABOVE 6.02 dB SPLIT)
- VSWR INPUT:----- 1.60:1 MAX
- VSWR OUTPUT:----- 1.50:1 MAX
- ISOLATION:----- 17 dB MIN
- AMPLITUDE BALANCE:----- 0.5 dB MAX
- PHASE BALANCE:----- $\pm 6^\circ$ MAX
- POWER HANDLING:----- FORWARD: 30 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

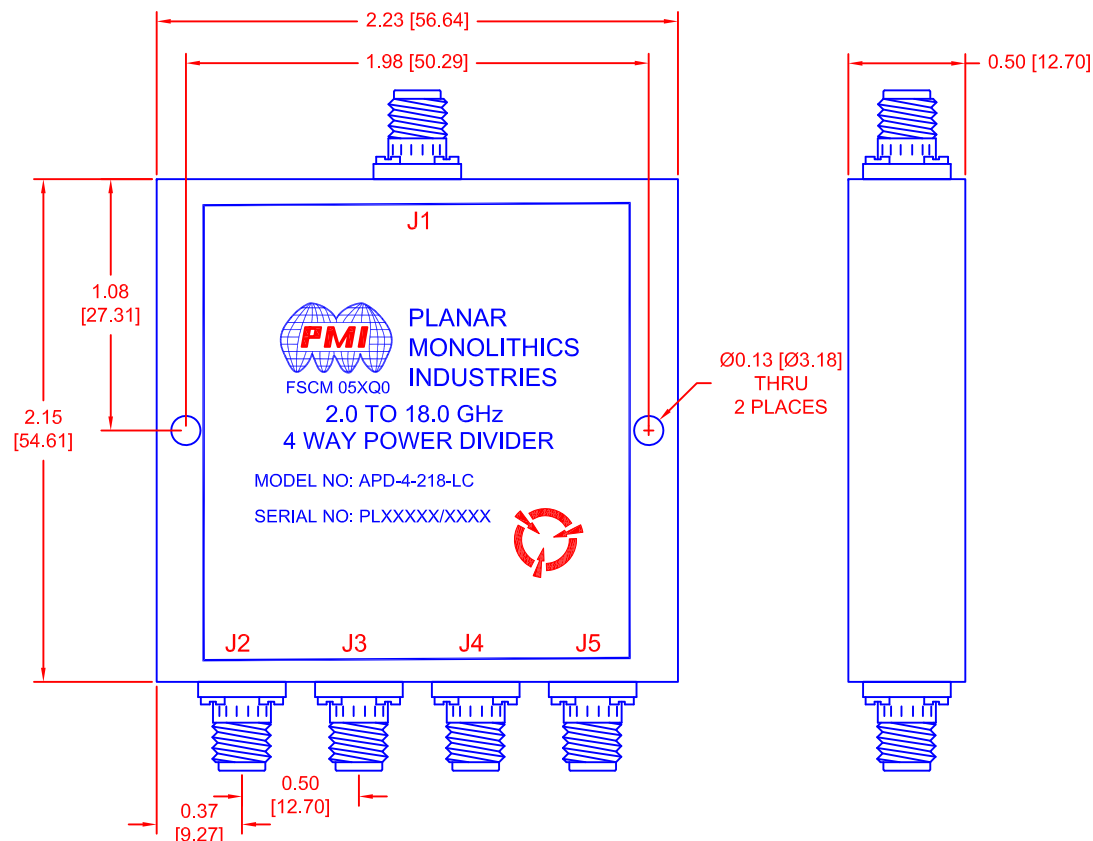
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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
	A1	ORIGINAL RELEASE	2/5/2018	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN			PRODUCT FEATURE APD-4-218-LC			
REDRAWN						
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27034100	A1
			SCALE	N:S	SHEET	1 OF 1