

DESCRIPTION

PMI MODEL APD-2-2G18G-SFF-1W IS 2.0 TO 18.0 GHz, 2-WAY POWER DIVIDER. THIS MODEL OFFERS A MAXIMUM INSERTION LOSS OF 1.0 dB WITH A MAXIMUM VSWR OF 1.5:1 AND A MINIMUM ISOLATION OF 15 dB.

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 TO 18.0 GHz
- INSERTION LOSS: 1.0 dB MAX
- VSWR: 1.5:1 MAX
- ISOLATION: 15 dB MIN
- AMPLITUDE BALANCE: ± 0.3 dB MAX
- PHASE BALANCE: $\pm 3^\circ$ MAX
- AMPLITUDE CHANGE OVER TEMPERATURE RANGE: < 0.5 dB
- PHASE CHANGE OVER TEMPERATURE RANGE: $< 5^\circ$
- REVERSE POWER HANDLING: > 1 WATT CW
- CONNECTORS: SMA FEMALE (X3)
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: 10 °C TO +50 °C (OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

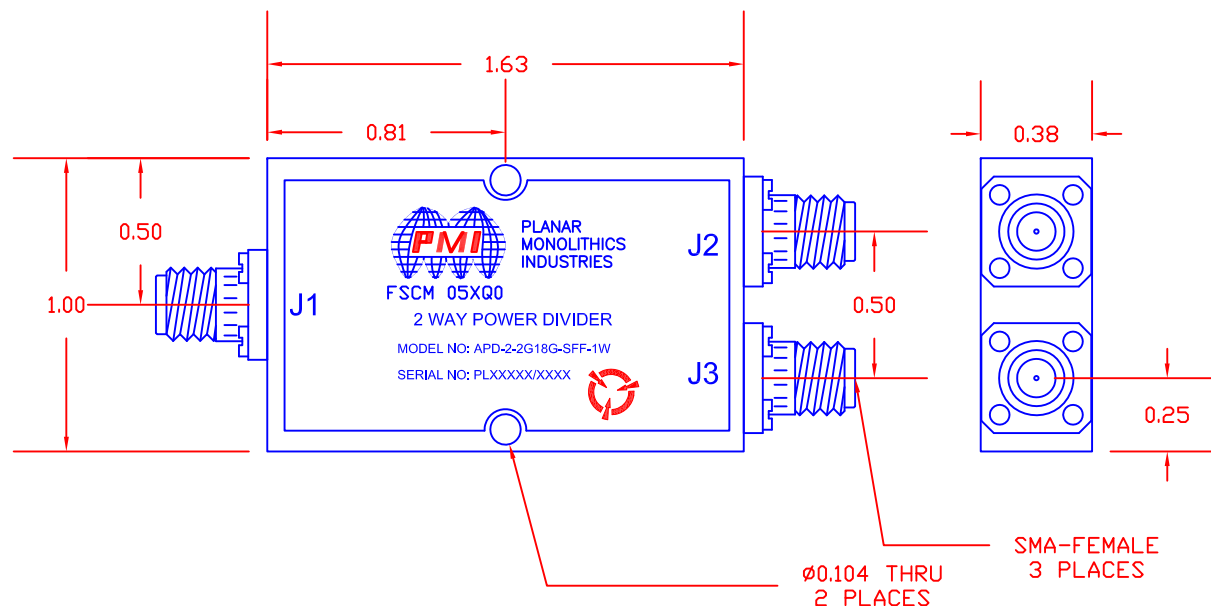
ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	02/15/18	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		E.M.F.		2/15/18	
CHECKED					
ISSUED					
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27034341
SCALE	N:S			SHEET	1 OF 1