

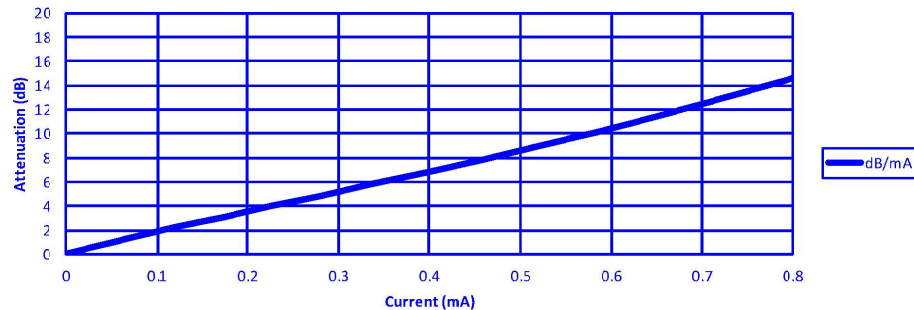
DESCRIPTION

PMI MODEL: PCAN-218-10-SFF-LC IS A CURRENT CONTROLLED ATTENUATOR OPERATING OVER THE 2.0 TO 18.0 GHz FREQUENCY RANGE. THIS MODEL OFFERS AN INSERTION LOSS OF 5 dB MAXIMUM WHILE MAINTAINING A MAXIMUM ATTENUATION FLATNESS OF ± 5.0 dB. THIS COMPACT HOUSING MEASURES 2.25" x 1.60" x 0.60" AND IS OUTFITTED WITH FIELD REMOVABLE SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2.0 TO 18.0 GHz
- INSERTION LOSS: ----- 5 dB MAXIMUM
- ATTENUATION: ----- 10 dB MIN
- ATTENUATION FLATNESS: ----- ± 5.0 dB MAX
- VSWR: ----- 2.0:1 MAXIMUM
1.5:1 GOAL
- VOLTAGE CONTROL: ----- SEE PLOT
- IMPEDANCE: ----- 50 Ω
- POWER SUPPLY: ----- +0-1 VDC @ 2 mA MAXIMUM
- CONNECTORS: ----- FIELD REMOVABLE SMA FEMALE
- SIZE: ----- 2.25" x 1.60" x 0.60"
(57.15 mm x 40.64 mm x 15.24 mm)
- FINISH: ----- GOLD PLATED

Normalized Attenuation Over Current



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- UP TO 90%, NON-CONDENSING
- 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

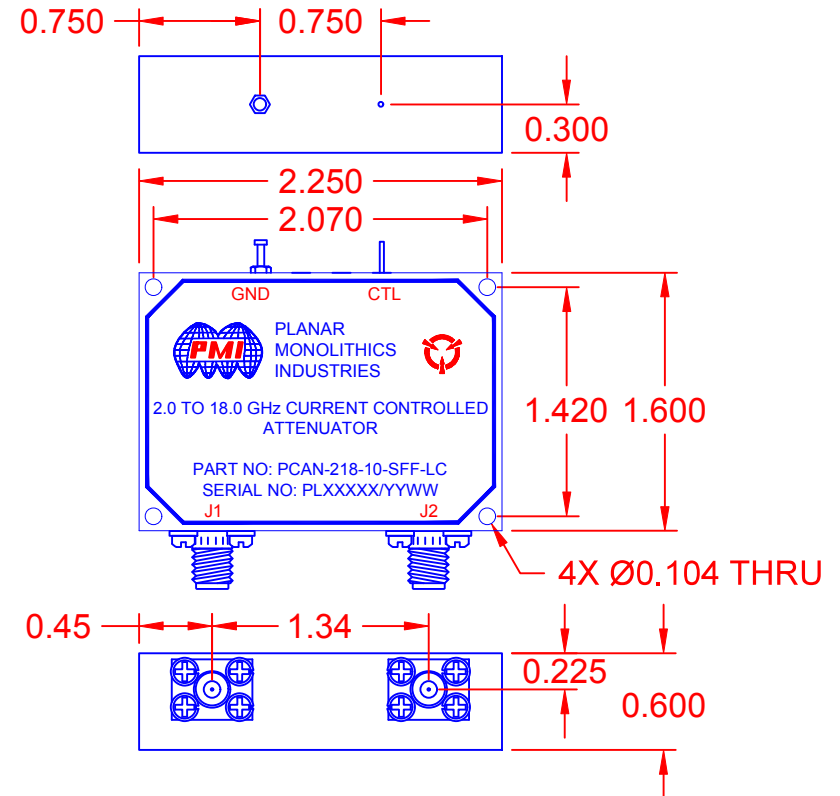
PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	05/14/20	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>G. RADTKE</i>		05/14/20	PRODUCT FEATURE PCAN-218-10-SFF-LC			A1
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27038860	
ISSUED			SCALE N:S		SHEET 1 OF 1	