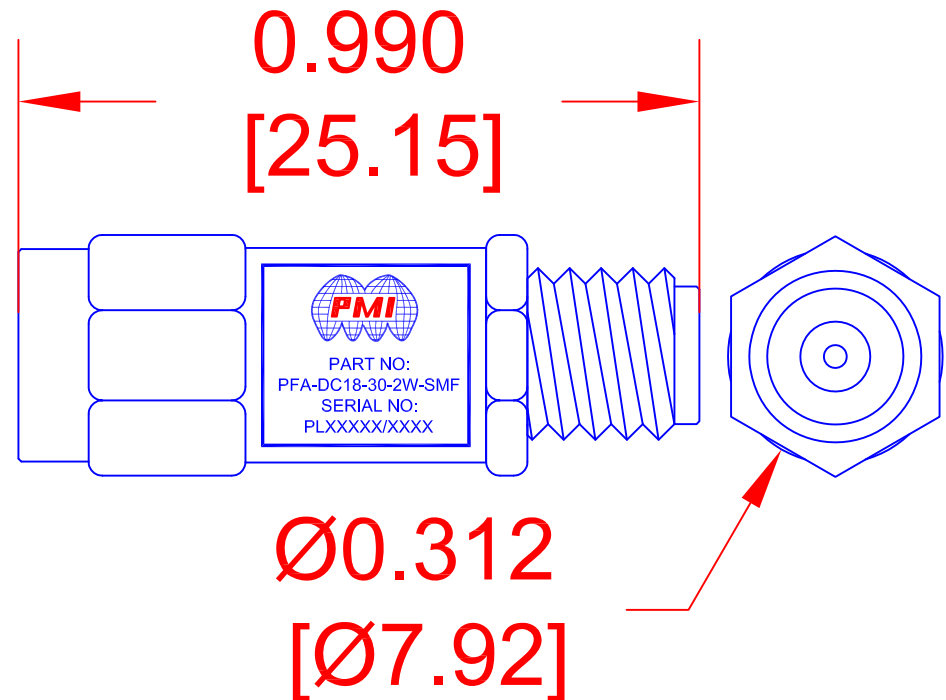
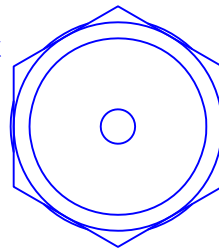


DESCRIPTION

PMI MODEL: PFA-DC18G-30-2W-SMF IS A FIXED, BIDIRECTIONAL ATTENUATOR OPERATING OVER THE DC TO 18.0 GHz FREQUENCY RANGE. THIS MODEL OFFERS 30 ± 1.5 dB OF ATTENUATION WITH AN INPUT POWER OF 2 WATTS MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 18.0 GHz
- IMPEDANCE: ----- 50Ω
- ATTENUATION VALUE: ----- 30 dB
- ATTENUATION ACCURACY: ----- ± 1.5 dB
- VSWR: ----- 1.35:1 MAXIMUM
- INPUT POWER: ----- 2 WATTS MAXIMUM
- CONNECTORS: ----- SMA FEMALE/SMA MALE 5/16" HEX
- SIZE: ----- (L) 0.99" x $\varnothing 0.312$
(L) 25.15 mm x $\varnothing 7.92$ mm



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -20°C TO $+85^{\circ}\text{C}$ (OPERATING)
- 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

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	02/29/16	

MECHANICAL OUTLINE

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>M. Berry</i>		02/29/16	PRODUCT FEATURE PFA-DC18G-30-2W-SMF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO.	REV. -
ISSUED			SCALE N:S		PRELIMINARY	SHEET 1 OF 1