

DESCRIPTION

PMI MODEL: PFA-DC18G-20-2W-SMF IS A FIXED, BIDIRECTIONAL ATTENUATOR OPERATING OVER THE DC TO 18.0 GHz FREQUENCY RANGE. THIS MODEL OFFERS 20 ± 0.5 dB OF ATTENUATION WITH AN INPUT POWER OF 2 WATTS MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 18.0 GHz
- IMPEDANCE: ----- 50Ω
- ATTENUATION VALUE: ----- 20 dB
- ATTENUATION ACCURACY: ----- ± 0.5 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

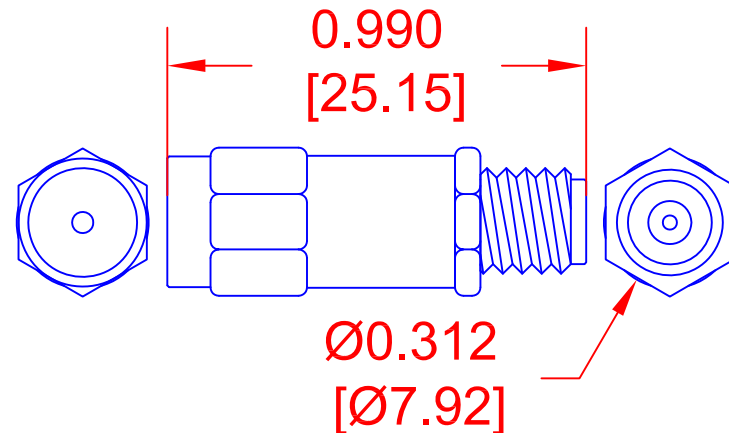
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

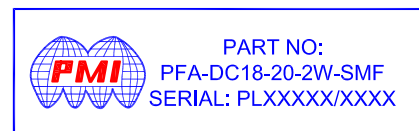
ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/3/16	
	B1	ECN # 16-0200	12/13/16	

MECHANICAL OUTLINE



LABEL



PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		B. Thomas	10/3/16			
CHECKED						
ISSUED						
			PRODUCT FEATURE PFA-DC18G-20-2W-SMF			
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27030961	REV.
SCALE	N:S					B1
					SHEET	1 OF 1