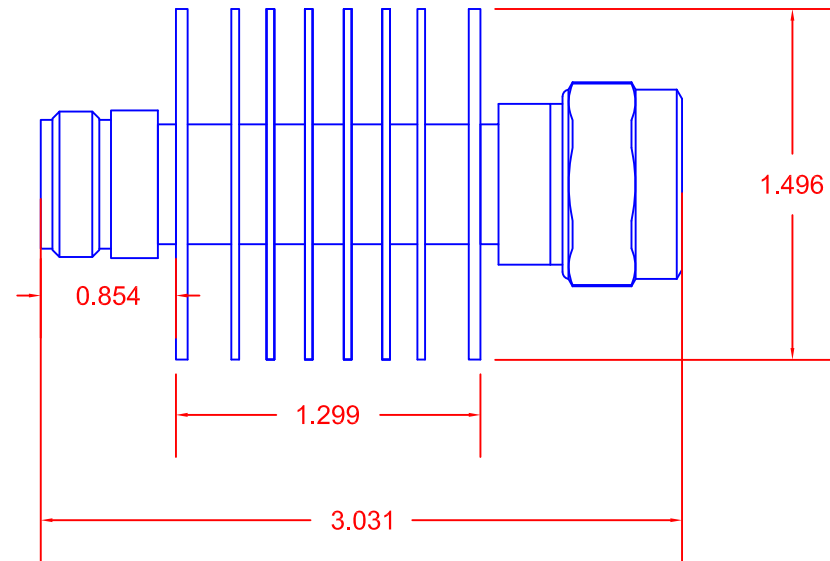


DESCRIPTION

PMI MODEL NO. PFA-DC18-20dB-10W-NFM IS A FIXED ATTENUATOR THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 18.0 GHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/29/2023	

MECHANICAL OUTLINE



SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 18.0 GHz
- IMPEDANCE ----- 50 OHMs
- VSWR (RETURN LOSS); ----- 1.4 MAX (15.6 dB MIN)
- INPUT POWER: ----- 10 Watts
- DEVIATION (+/-dB): ----- DC TO 4 GHz - 0.5
4 TO 8 GHz - 0.6
8 TO 12.4 GHz - 0.7
12.4 to 18 GHz - 1.0
- RF CONNECTORS IN/OUT: ----- N TYPE FEMALE / MALE
- ATTENUATION VALUE: ----- 20 dB NOMINAL
- BODY: ----- STAINLESS STEEL PASSIVATED

ENVIRONMENTAL RATINGS

- HUMIDITY: ----- MIL-STD-202, METHOD 106
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. G
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. B

ABSOLUTE MAXIMUM ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +125 °C

PERMANENT DAMAGE MAY OCCUR IF ANY OF THESE LIMITS ARE EXCEEDED.

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>AG</i>		8/29/23	PRODUCT FEATURE PFA-DC18-20dB-10W-NFM			
REDRAWN			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1