

DESCRIPTION

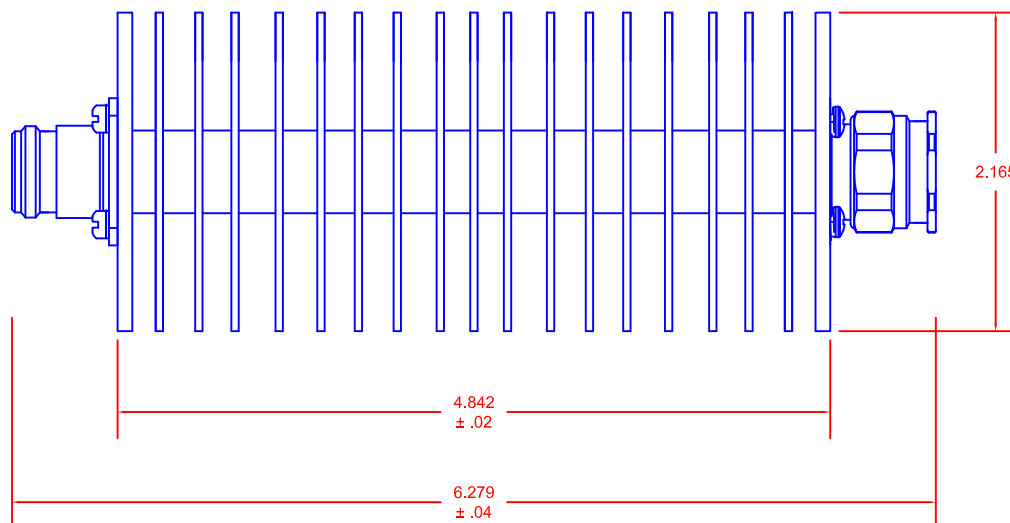
PMI MODEL NO. PFA-DC3G-100W-NMF IS A FIXED ATTENUATOR THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 3.0 GHz. IT HAS A TYPICAL NOMINAL ATTENUATION (DC TO 3.0 GHz) OF 40 ± 0.8 dB AND A MAXIMUM INPUT POWER OF 100 WATTS. THIS MODEL IS OUTFITTED WITH N-TYPE MALE TO N-TYPE FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/19/2021	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 3.0 GHz
- NOMINAL ATTENUATION (DC TO 3.0 GHz): ----- 40 ± 0.8 dB TYP
- VSWR: ----- 1.3:1
- PEAK POWER: ----- 5K WATTS MAX
- INPUT POWER, CW: ----- 100 WATTS MAX
- RF CONNECTORS IN/OUT: ----- N-TYPE MALE / N-TYPE FEMALE
- DIRECTION: ----- UNI-DIRECTIONAL



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- 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

ABSOLUTE MAXIMUM ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +100 °C (OPERATING)
-55 °C TO +100 °C (STORAGE)

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



		TITLE PRODUCT FEATURE PFA-DC3G-100W-NMF				
APPROVALS	DATE					
DRAWN <i>AF</i>	11/19/21					
REDRAWN						
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -	
		SCALE N:S			SHEET 1 OF 1	