

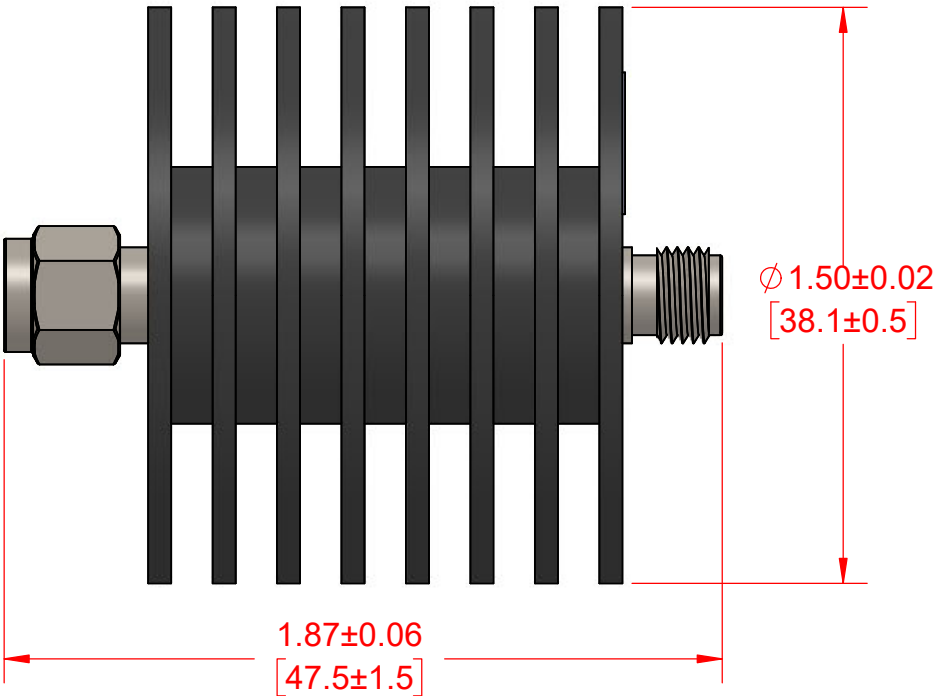
DESCRIPTION:

PMI MODEL NUMBER PFA-DC18-20W-10DB-SMF IS A FIXED ATTENUATOR THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 18.0 GHz. THIS MODEL IS OUTFITTED WITH A SMA MALE INPUT CONNECTOR AND A SMA FEMALE OUTPUT CONNECTOR.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/12/2023	

SPECIFICATIONS:

- FREQUENCY RANGE:..... DC TO 18.0 GHz
- NOMINAL ATTENUATION:..... 10 dB TYP
- VSWR (DC TO 6.0 GHz):..... 1.3:1 MAX
- VSWR (6.0 TO 12.4 GHz):..... 1.3:1 MAX
- VSWR (12.4 TO 18.0 GHz):..... 1.4:1 MAX
- INPUT POWER, CW:..... 20 WATTS MAX
- RF CONNECTORS IN/OUT:..... SMA MALE / SMA FEMALE
- FINISH:..... BLACK ANODIZED ALUMINUM



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 107G COND. A

ABSOLUTE MAXIMUM ENVIRONMENTAL RATINGS:

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

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

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

PMI CONFIDENTIAL AND PROPRIETARY

					Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED												
			APPROVALS		DATE		TITLE										
			DRAWN S AZHAR		12/12/2023												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table><tr><td>FRACTIONS</td><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>±</td><td>.XX ± 0.02</td><td>±</td></tr><tr><td></td><td>.XXX ± 0.01</td><td></td></tr></table>			FRACTIONS	DECIMALS	ANGLES	±	.XX ± 0.02	±		.XXX ± 0.01		REDRAWN				OUTLINE	
			FRACTIONS	DECIMALS	ANGLES												
			±	.XX ± 0.02	±												
	.XXX ± 0.01																
			ISSUED				PFA-DC18-20W-10DB-SMF										
					SIZE B		FSCM NO. 05XQ0		DWG NO. 27047780		REV. A1						
					SCALE 2:1						SHEET 1 OF 1						