

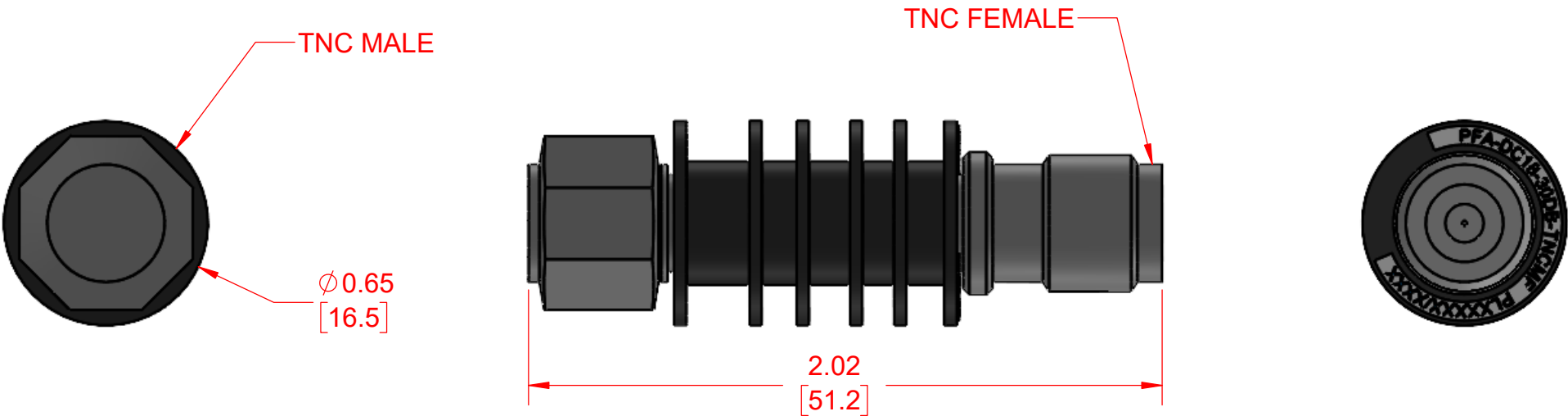
DESCRIPTION:

PMI MODEL NUMBER PFA-DC18-30DB-TNCMF IS A 30 dB FIXED ATTENUATOR THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 18.0 GHZ AND HIGH CW INPUT POWER.

SPECIFICATIONS:

- FREQUENCY RANGE:..... DC TO 18.0 GHz
- IMPEDANCE:..... 50 OHMs
- ATTENUATION:..... 30 dB
- VSWR (RETURN LOSS):..... 1.4:1 MAX (15.6 dB MIN)
- DEVIATION (+/- dB):..... DC TO 4 GHz ± 0.5 dB
4 TO 8 GHz ± 0.6 dB
8 TO 12.4 GHz ± 0.7 dB
12.4 TO 18 GHz ± 1.0 dB
- CONNECTORS:..... TNC MALE/ TNC FEMALE
- INPUT POWER:..... 10W CW
- BODY:..... STAINLESS STEEL
PASSIVATED

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	8/7/2023	



ENVIRONMENTAL RATINGS:

- HUMIDITY:..... MIL-STD-202, METHOD 106
- SHOCK:..... MIL-STD-202, METHOD 213 COND. I
- VIBRATION:..... MIL-STD-202, METHOD 240 COND. B
- CORROSION:..... MIL-STD-202, METHOD 101 COND. B
- MOISTURE RESISTANCE:..... MIL-STD-202, METHOD 106

ABSOLUTE MAXIMUM ENVIRONMENT RATINGS:

- TEMPERATURE:..... -55°C TO +125°C (OPERATING)

PERMANENT DAMANGE MAY OCCUR IF ANY OF THESE LIMITS ARE EXCEEDED

PMI CONFIDENTIAL AND PROPRIETARY

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

			<div><div>Quantic PMI</div><div>PLANAR MONOLITHICS</div><div>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</div></div>					
			APPROVALS		DATE		TITLE PFA-DC18-30DB-TNCMF OUTLINE	
			DRAWN S AZHAR		8/7/2023			
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01</div>			REDRAWN				SIZE B 05XQ0 DWG NO. 27047040 REV. A1	
			ISSUED					
							SCALE 2:1	