

DESCRIPTION:

PMI MODEL NUMBER: MA-8D5G10D5G-20DB-SFF IS A 8.5 GHz TO 10.5 GHz MECHANICAL VARIABLE ATTENUATOR. THIS UNIT HAS AN ATTENUATION OF 0 dB TO 20 dB WITH A FLATNESS OF ±0.5 dB MAX. IT IS SUPPLIED IN A 1.75" x 1.00" x 0.50" HOUSING WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS:

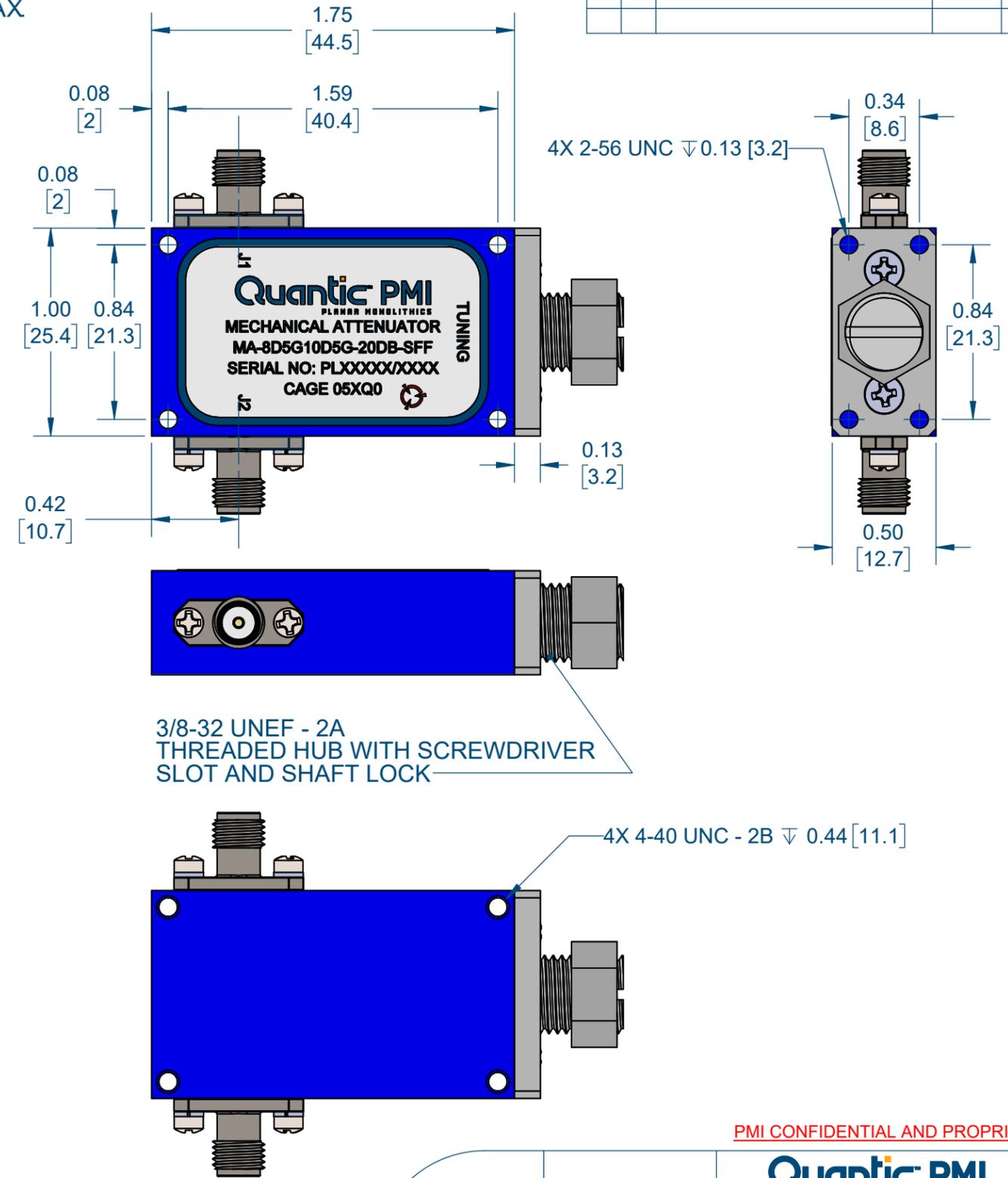
- FREQUENCY RANGE:..... 8.5 GHz TO 10.5 GHz
- ATTENUATION:..... 0-20 dB
- VSWR:..... 1.5:1 MAX.
- FLATNESS:..... ±0.5 dB MAX.
- INSERTION LOSS:..... 0.5 dB MAX.
- CONNECTORS:..... SMA FEMALE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -54°C TO +55°C (OPERATING)
-57°C TO +85°C (STORAGE)
- HUMIDITY:..... 5% TO 95%
- ALTITUDE:..... 30,000 ft MAX.
- VIBRATION:..... MIL-E-5400T FIGURE 2 CURVE II (2G)
- SHOCK:..... 15G, 11ms (6-AXIS)

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/29/2025	



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		APPROVALS DATE DRAWN 5/29/2025 D. HOSCHAR REDRAWN ISSUED		TITLE OUTLINE MA-8D5G10D5G-20DB-SFF		SIZE FSCM NO. DWG NO. REV. B 05XQ0 27052060 A1	
SCALE 1.5:1				SHEET 1 OF 1			

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PLANAR MONOLITHICS

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