

DESCRIPTION:

PMI MODEL NUMBER BPF-140M-60M-SFF IS A BANDPASS FILTER WITH A BANDWIDTH OF 60 MHz TYPICAL COVERING 110 MHz TO 170 MHz.

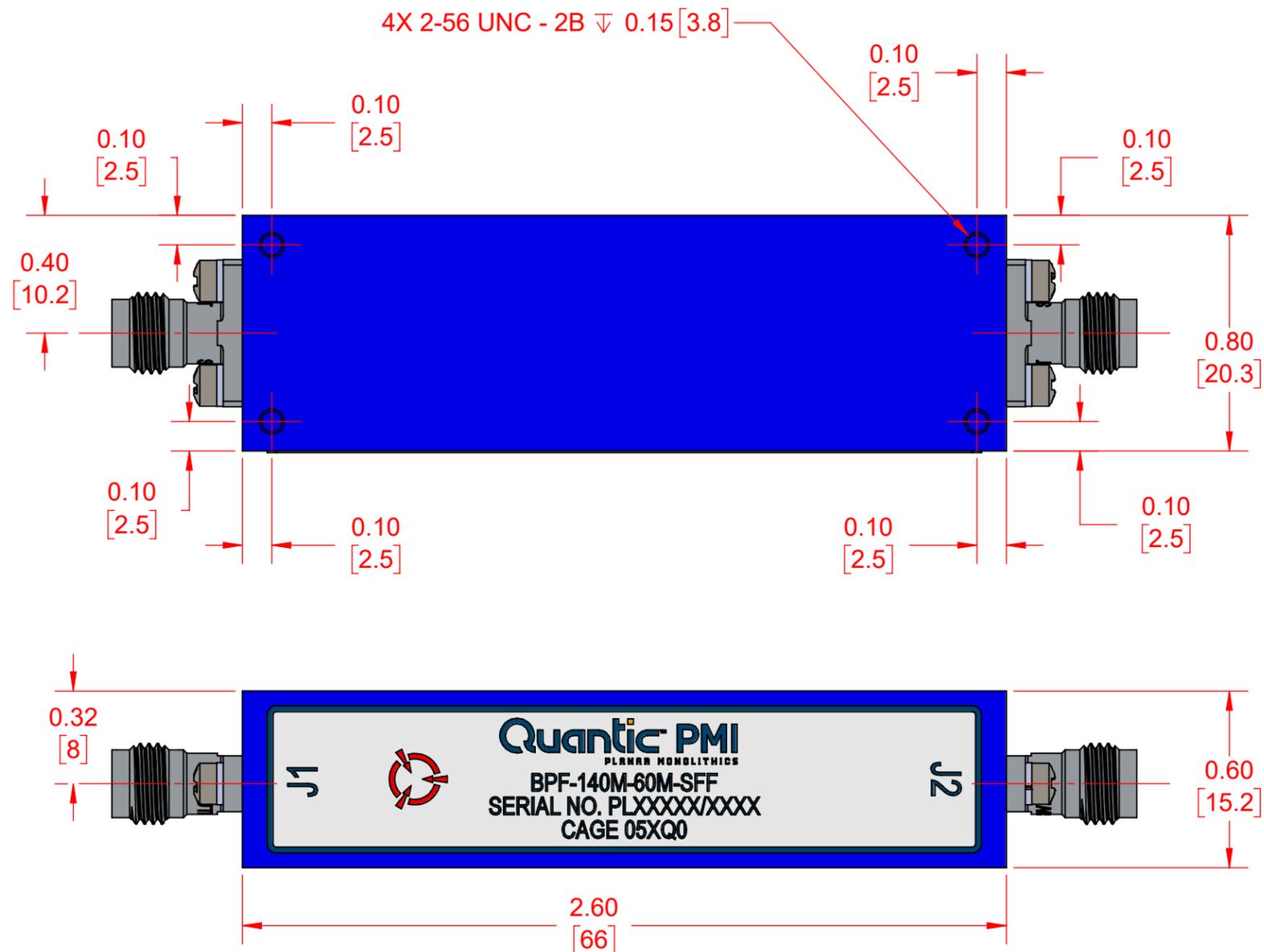
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/16/2025	

SPECIFICATIONS:

- PASSBAND FREQUENCY RANGE:..... 110 MHz TO 170 MHz
- BANDWIDTH (3dB PASSBAND):..... 60 MHz MIN
- VSWR:..... 1.5:1 MAX
- INSERTION LOSS:..... 2.0 dB MAX
- REJECTION:
 - AT 85 MHz:..... 40 dB MIN
 - AT 195 MHz:..... 40 dB MIN
- INPUT POWER:..... 1 WATT MAX
- PASSBAND FLATNESS:..... 1.3 dB MAX
- GROUP DELAY:..... 60 ns MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -10°C TO +70°C (OPERATING)
- 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



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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN S LANGE REDRAWN ISSUED		DATE	TITLE OUTLINE BPF-140M-60M-SFF			REV.
		4/16/2025	SIZE	FSCM NO.	DWG NO.	A1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS .XX ± 0.02 DECIMALS .XXX ± 0.01 ANGLES ±		B	05XQ0	27051440	SCALE 2:1 SHEET 1 OF 1	

Quantec PMI
 PLANAR MONOLITHICS

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