

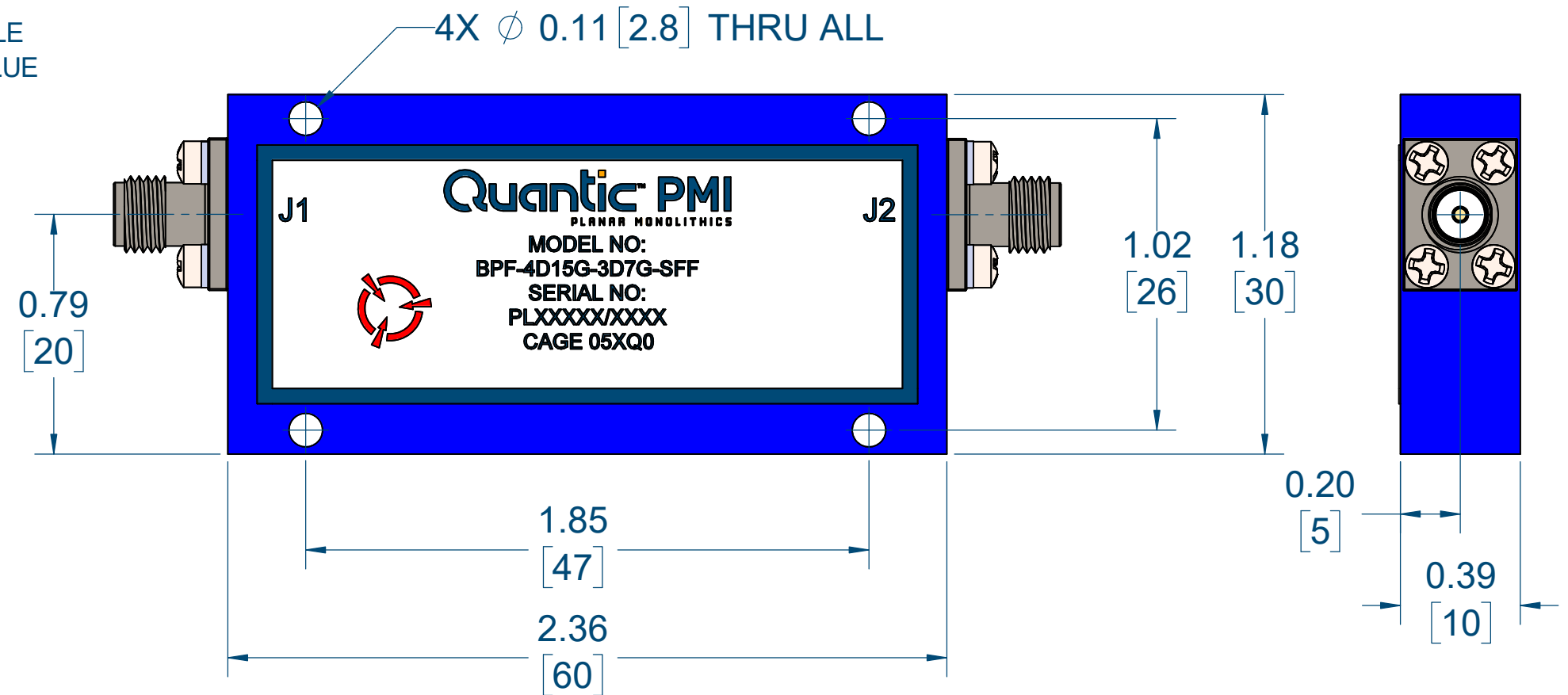
DESCRIPTION:

PMI MODEL NUMBER: BPF-4D15G-3D7G-SFF IS A BANDPASS FILTER WITH A CENTER FREQUENCY OF 4.15 GHz, A PASSBAND OF 2.3 GHz TO 6 GHz, AND A MAXIMUM INSERTION LOSS OF 1.5 dB. PACKAGE SIZE IS 2.36" x 1.18" x 0.39" AND IS OUTFITTED WITH SMA FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	12/12/2024	

SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 2.3 GHz TO 6 GHz
- CENTER FREQUENCY:..... 4.15 GHz
- INSERTION LOSS:..... 1.5 dB MAX
- VSWR:..... 1.5:1 TYP.
2.0:1 MAX.
- REJECTION @ 2.1 GHz:..... 30 dBc MIN.
- REJECTION @ 6.4 GHz:..... 30 dBc MIN.
- INPUT POWER:..... 10 W MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D COND. A

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

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 D. HOSCHAR 12/12/2024 REDRAWN ISSUED		TITLE PRELIMINARY OUTLINE BPF-4D15G-3D7G-SFF	
		SIZE B FSCM NO. 05XQ0 SCALE 2:1	DWG NO. PRELIMINARY SHEET 1 OF 1	REV. 1	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