

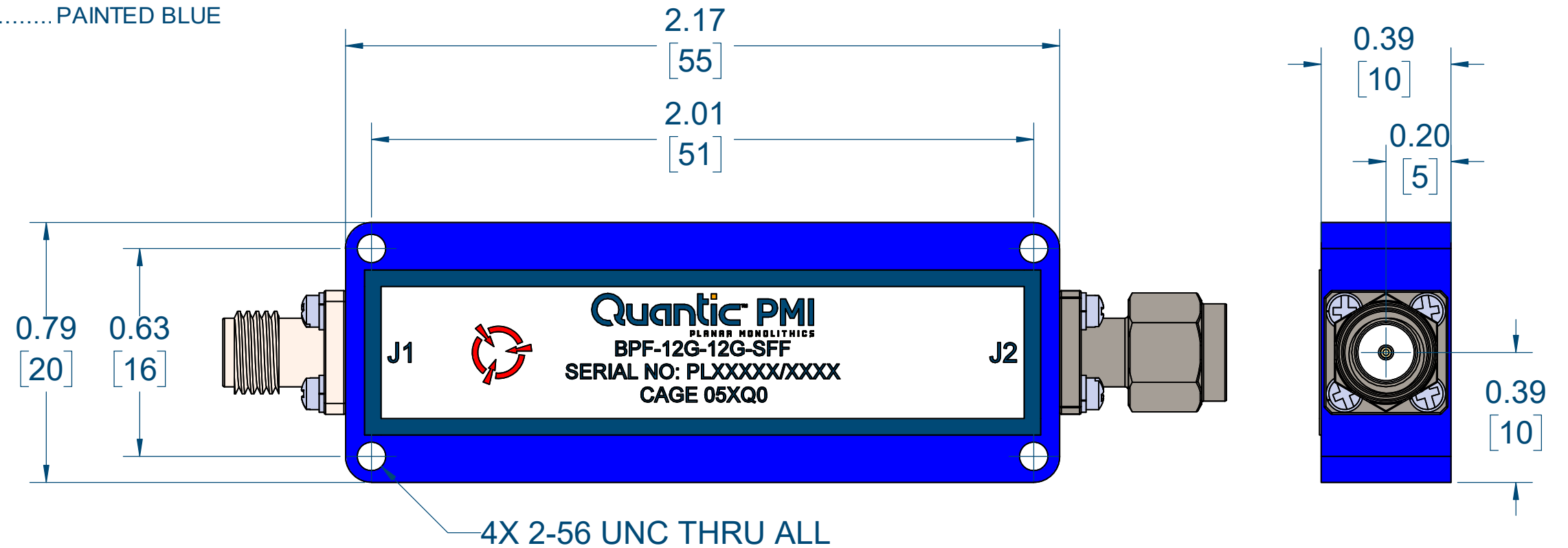
DESCRIPTION:

PMI MODEL NUMBER: BPF-12G-12G-SFF IS A BANDPASS FILTER WITH A CENTER FREQUENCY OF 12 GHz, A PASSBAND OF 6 GHz TO 18 GHz, A MAXIMUM INSERTION LOSS OF 2 dB, AND A MAXIMUM VSWR OF 1.8:1. PACKAGE SIZE IS 2.17" x 0.79" x 0.39" AND IS OUTFITTED WITH SMA CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	12/12/2024	
	2	Update Loss Spec	2/6/2026	

SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 6 GHz TO 18 GHz
- CENTER FREQUENCY:..... 12 GHz
- INSERTION LOSS:..... 2 dB MAX.
- VSWR:..... 1.8:1 MAX.
- REJECTION @ DC-5.6 GHz:..... 30 dBc MIN.
- REJECTION @ 19.5-20 GHz:..... 30 dBc MIN.
- INPUT POWER:..... 10 W MAX.
- CONNECTORS:..... IN: SMA FEMALE
OUT: SMA MALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +70°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-12G-12G-SFF	
		SIZE B SCALE 2.5:1	FSCM NO. 05XQ0 DWG NO. PRELIMINARY	REV. 2 SHEET 1 OF 1	

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