

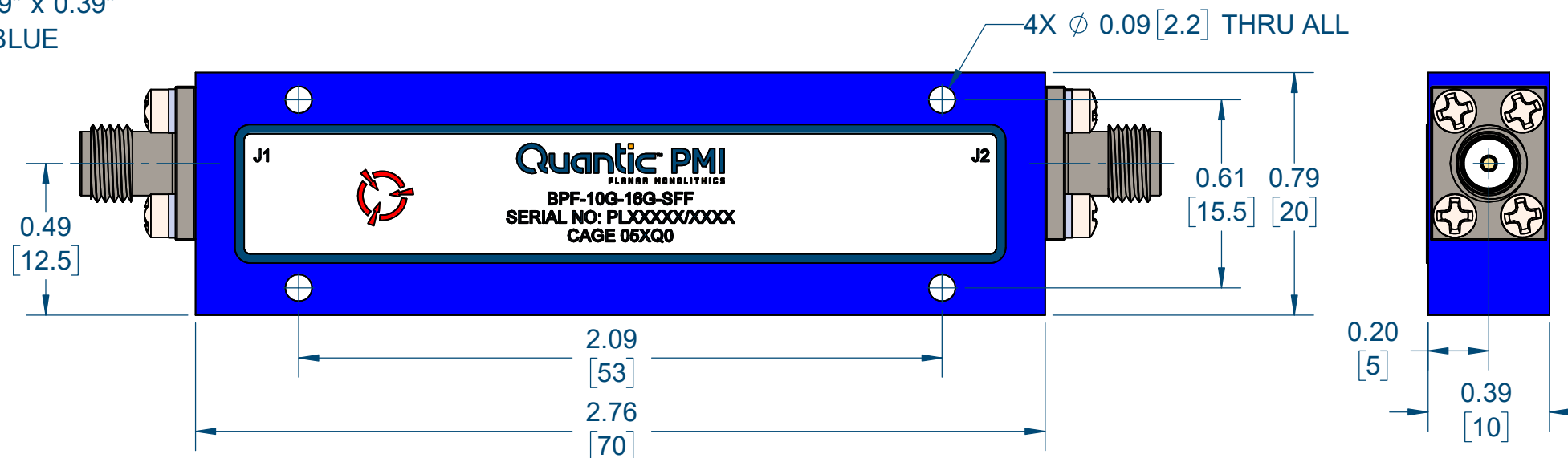
DESCRIPTION:

QUANTIC PMI MODEL BPF-10G-16G-SFF IS A BANDPASS FILTER WITH A PASSBAND OF 2 TO 18 GHz AND A MAXIMUM INSERTION LOSS OF 2 dB. SUPPLIED IN A COMPACT HOUSING MEASURING 2.76" x 0.79" x 0.39" WITH SMA FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	1/14/2025	

SPECIFICATIONS:

- CENTER FREQUENCY:..... 10 GHz
- PASSBAND FREQUENCY:..... 2 GHz TO 18 GHz
- INSERTION LOSS:..... 2.0 dB MAX
- INPUT POWER:..... 5W MAX
- WEIGHT:..... 40 g
- VSWR:..... 1.8:1 MAX
- REJECTION (@ DC - 1.5 GHz):..... 60 dB MIN.
- (@ 18.75 GHz)..... 40 dB MIN.
- (@ 19 - 20 GHz)..... 50 dB MIN.
- (@ 20 - 40 GHz)..... 70 dB MIN.
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA (F)
- SIZE:..... 2.76" x 0.79" x 0.39"
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -45°C TO +85°C (OPERATING)
..... -65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		APPROVALS DATE DRAWN D. HOSCHAR 1/14/2025 REDRAWN		TITLE OUTLINE BPF-10G-16G-SFF		
		ISSUED		SIZE	FSCM NO.	DWG NO.
		B	05XQ0	PRELIMINARY	1	
SCALE 2:1				SHEET 1 OF 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
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