

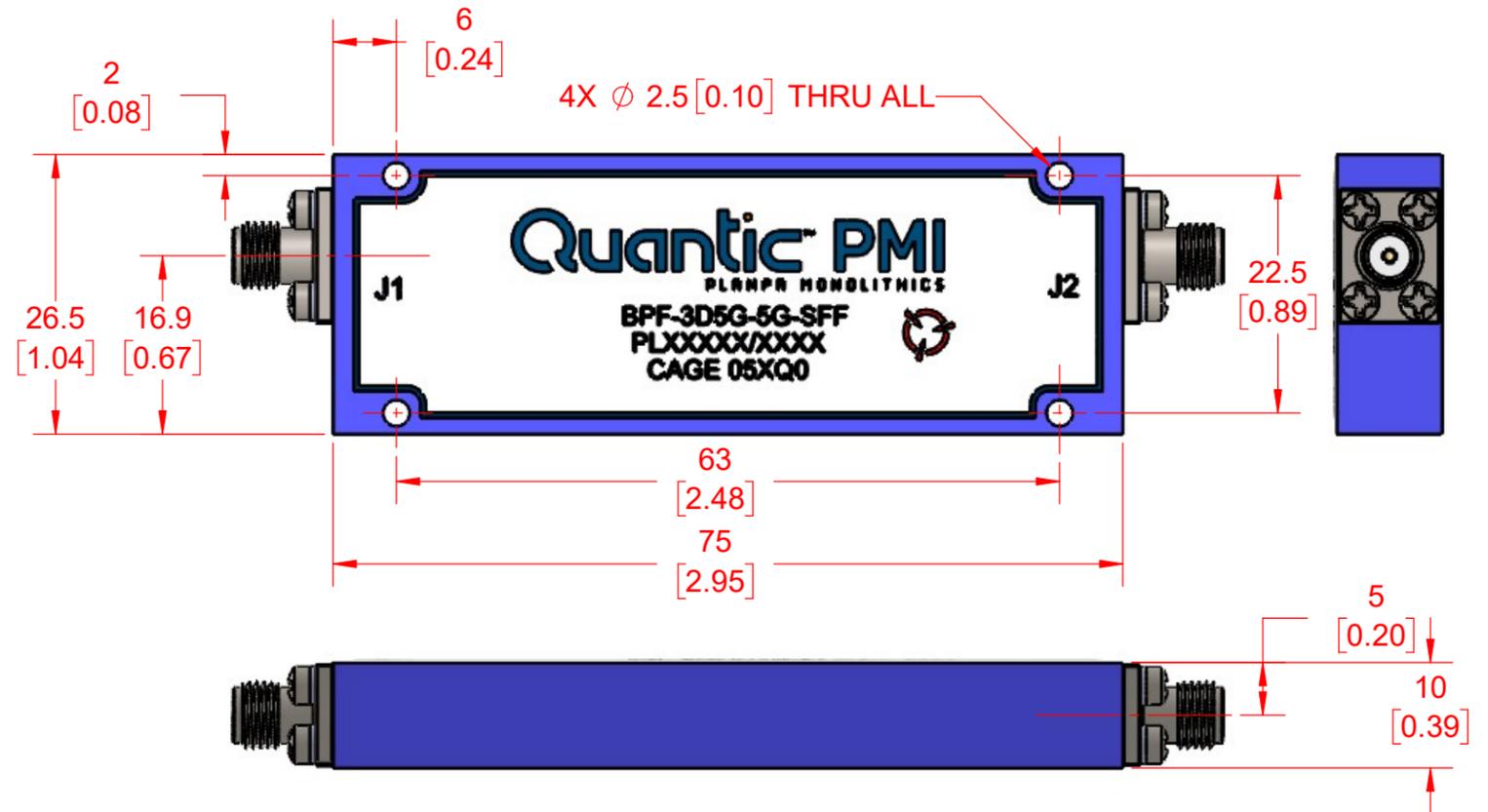
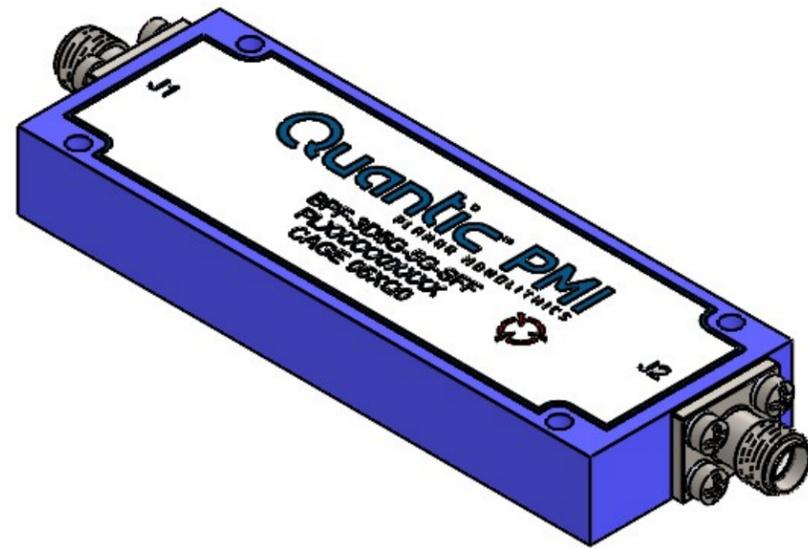
DESCRIPTION:

QUANTIC PMI MODEL BPF-3D5G-5G-SFF IS A BANDPASS FILTER WITH A CENTER FREQUENCY OF 3.5 GHz, A PASSBAND OF 1 TO 6 GHz, A MAXIMUM INSERTION LOSS OF 2 dB, AND A MAXIMUM VSWR OF 1.8:1. THIS UNIT IS OUTFITTED WITH SMA FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/21/25	

SPECIFICATIONS @ 25°C:

- CENTER FREQUENCY:..... 3.5 GHz
- BANDWIDTH:..... 1 to 6 GHz
- INSERTION LOSS (PASSBAND):..... 2.0 dB MAX
- VSWR:..... 1.8:1 MAX
- REJECTION @ DC-0.8 GHz:..... 50 dB TYP / 45 dB MIN
- REJECTION @ 7-12 GHz:..... 50 dB TYP / 45 dB MIN
- INPUT POWER:..... 10 W MAX
- SIZE:..... 2.96" (L) × 1.04" (W) × 0.40" (H)
- IMPEDANCE:..... 50 Ohm
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204B 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 AL REDRAWN ISSUED		DATE		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			
		4/21/25					
TITLE				OUTLINE DRAWING BPF-3D5G-5G-SFF			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.		
		B	05XQ0	27051600	A1		
SCALE 1:1				SHEET 1 OF 1			