

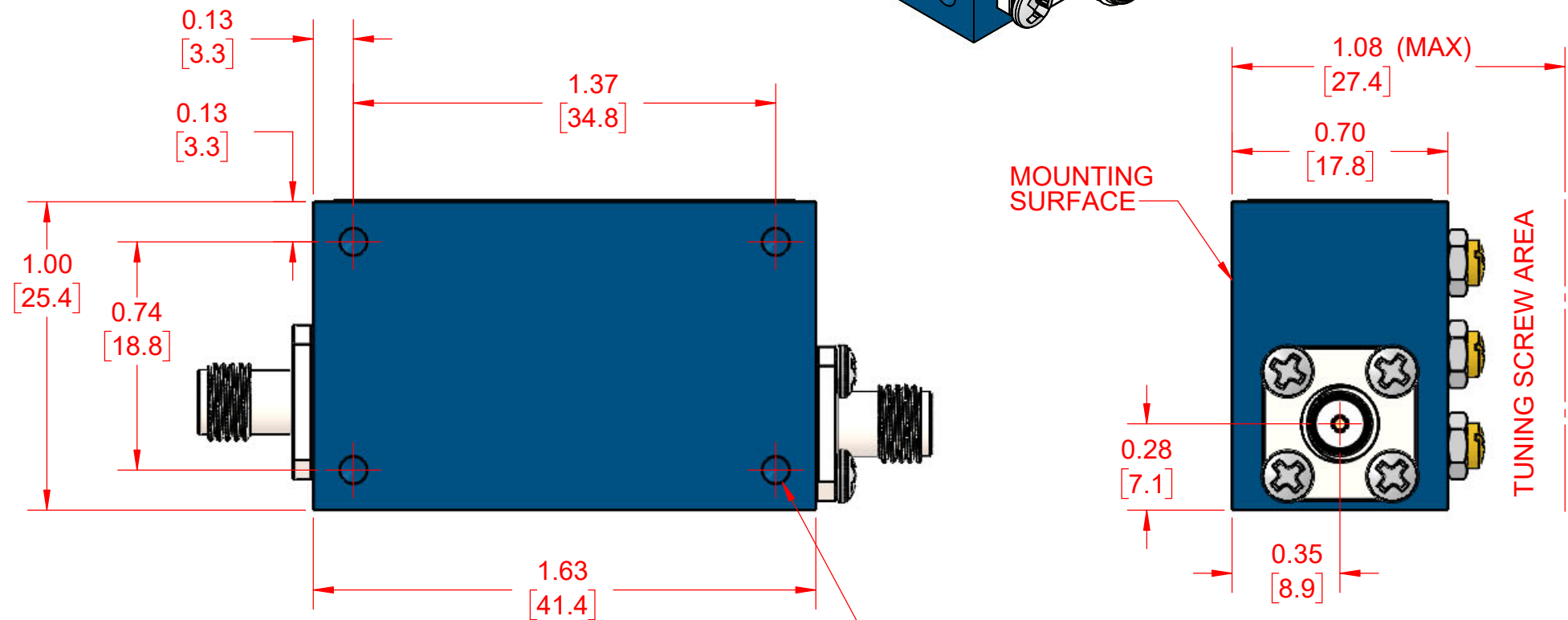
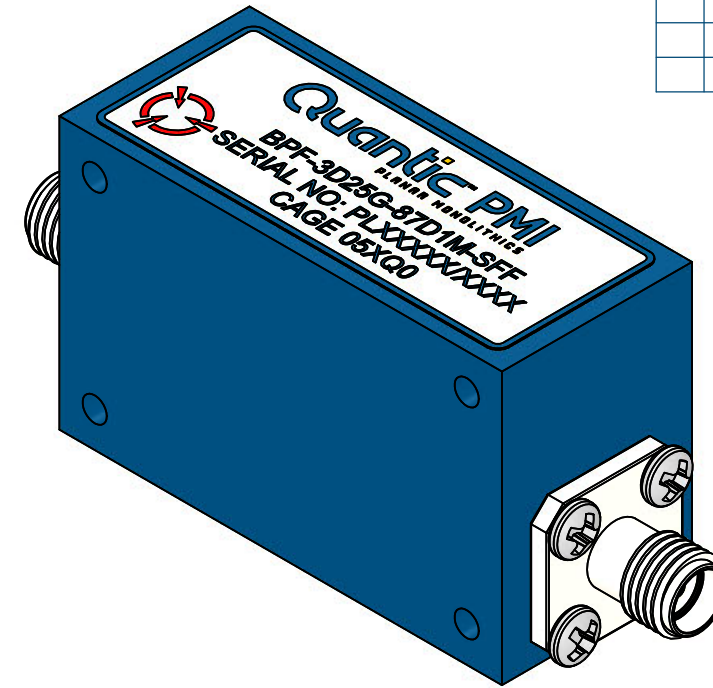
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	6/20/2025	

DESCRIPTION:

PMI MODEL: BPF-3D25G-87D1M-SFF IS A BAND PASS FILTER WITH SMA FEMALE CONNECTORS IN/ OUT. THIS UNIT HAS A CENTER FREQUENCY OF 3250 MHz AND AN INSERTION LOSS OF 1.1 dB MAX.

SPECIFICATIONS @ 25°C:

- PASSBAND FREQUENCY:..... 3206.45 MHz TO 3293.55 MHz
- INSERTION LOSS:..... 1.1 dB MAX
- RETURN LOSS:..... 14 dB MIN
- REJECTION @ DC TO 3000 MHz:..... 66 dBc MIN
- REJECTION @ 3500 MHz TO 7000 MHz:..... 69 dBc MIN
- INPUT POWER:..... 10 W MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



4-40 UNC ▽ 0.20 [5.1]

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°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

PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS DRAWN VP REDRAWN ISSUED		DATE		Quantic PMI <small>PLANAR MONOLITHICS</small> 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	
		6/20/2025			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01				TITLE OUTLINE BPF-3D25G-87D1M-SFF	
SIZE B		FSCM NO. 05XQ0		DWG NO. 27052280	
SCALE 2:1				REV. A1	
				SHEET 1 OF 1	