

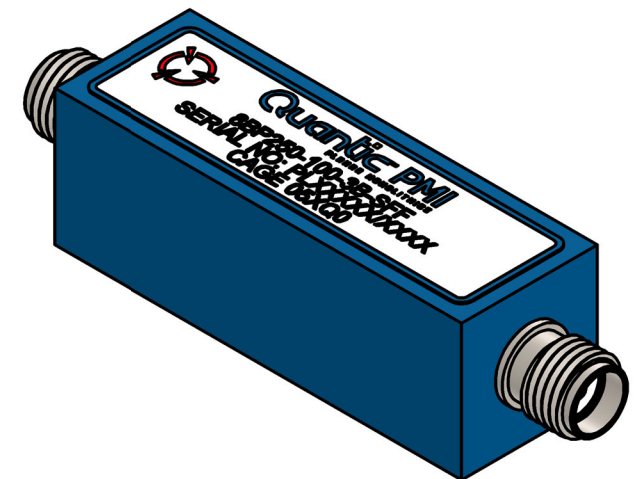
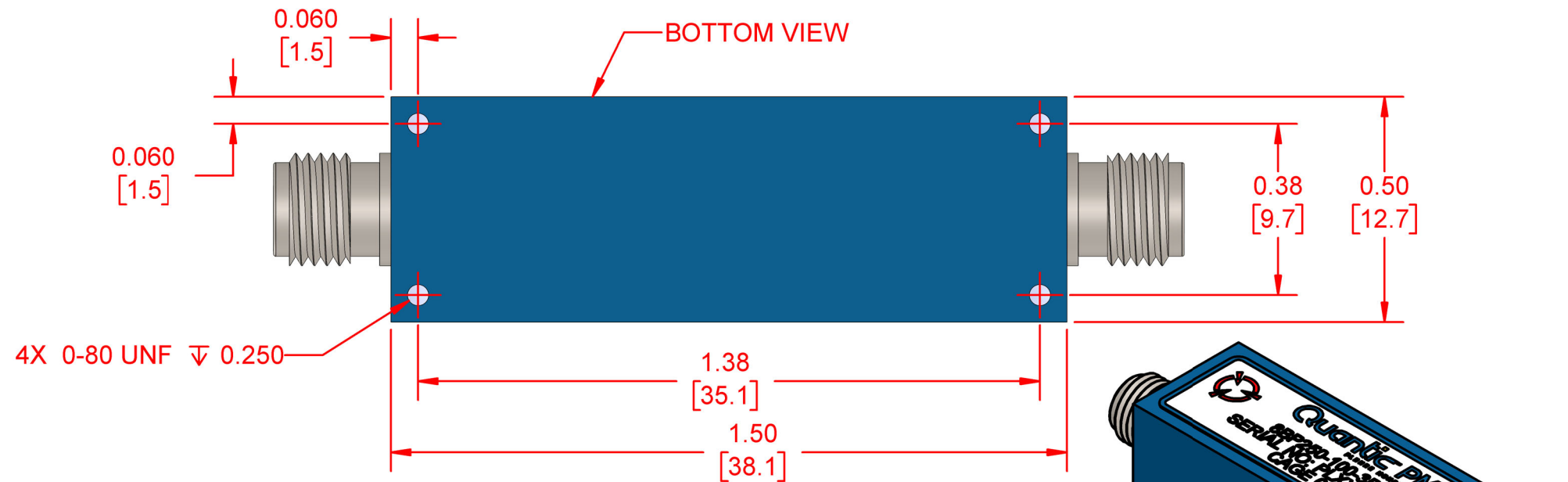
**DESCRIPTION:**

PMI MODEL: 8BP250-100-3B-SFF IS AN LC BANDPASS FILTER WITH SMA FEMALE CONNECTORS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/15/2025	

**SPECIFICATIONS:**

- PASSBAND FREQUENCY:..... 200 TO 300 MHz
- BANDWIDTH (-3dB):..... 100 MHz MIN
- INSERTION LOSS @ 250 MHz (Fo):..... 2 dB MAX
- VSWR:..... 1.5 : 1 MAX
- REJECTION @ 150 MHz:..... 90 dB MIN
- REJECTION @ 350 MHz:..... 90 dB MIN
- INPUT POWER:..... 1 W MAX
- CONNECTORS:..... SMA FEMALE (X2)
- SIZE:..... 1.50"(L) X 0.50"(W) X 0.50"(W)
- WEIGHT:..... 1 OZ. TYP
- FINISH:..... PAINTED BLUE



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE:..... -55°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
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- SALT FOG:..... MIL-STD-202, METHOD 107D COND. A
- FUNGUS:..... MIL-STD-810C, METHOD 508.2
- 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 V. PRATAP 4/15/2025 REDRAWN ISSUED		 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	
TITLE OUTLINE 8BP250-100-3B-SFF			SIZE B	FSCM NO. 05XQ0	DWG NO. 27051460
SCALE 3:1				REV. A1	SHEET 1 OF 1