

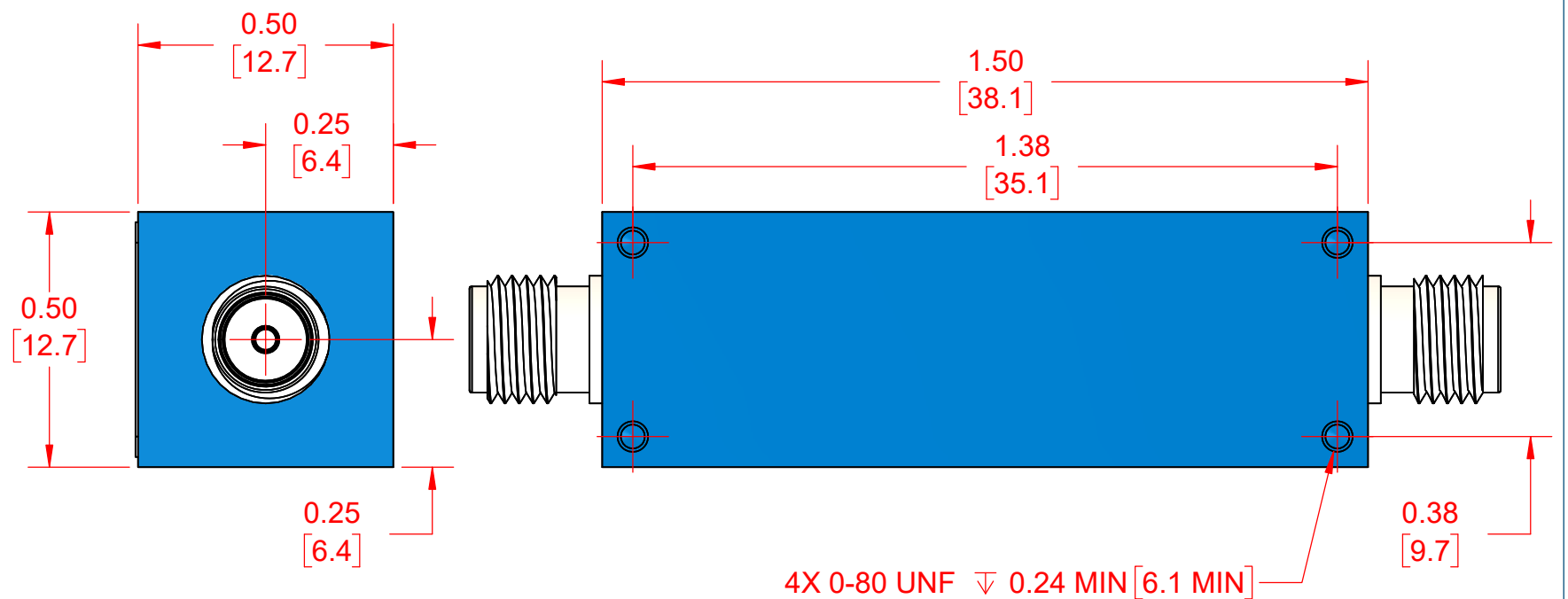
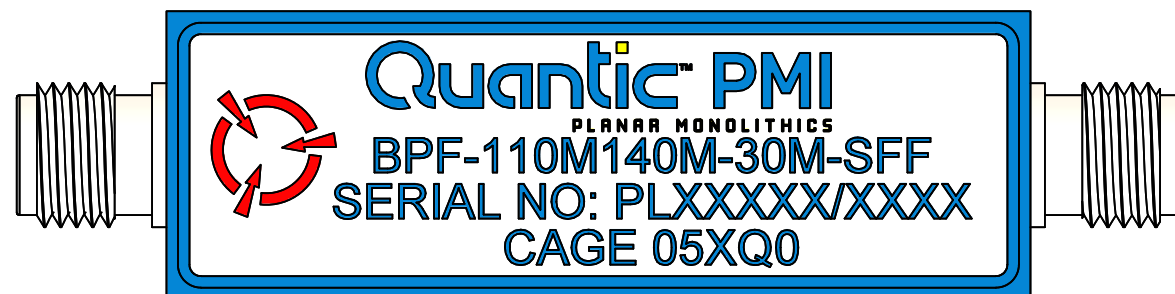
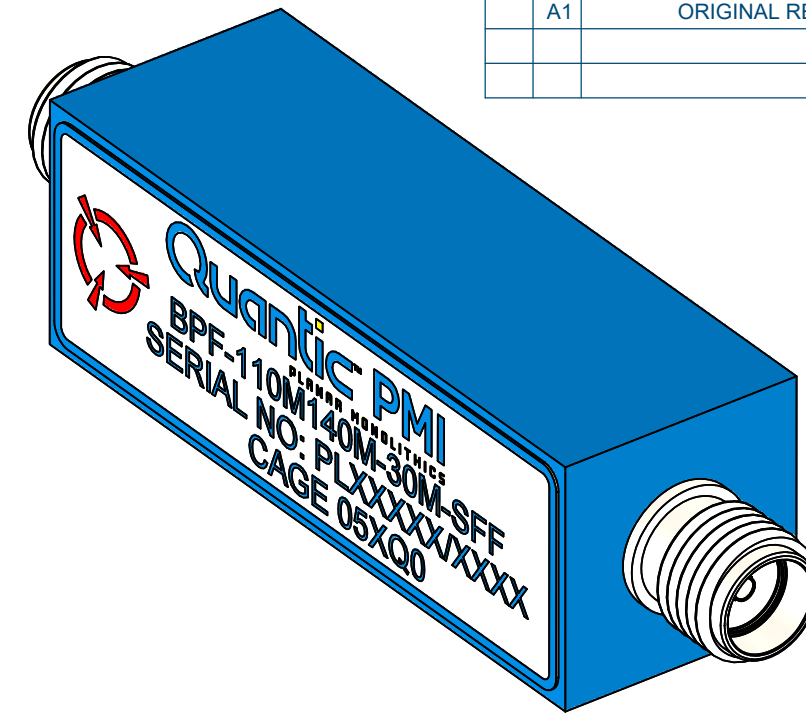
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/6/2025	

**DESCRIPTION:**

PMI MODEL: BPF-110M140M-30M-SFF IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN/OUT. THIS UNIT HAS A PASSBAND FREQUENCY FROM 110 MHz TO 140 MHz.

**SPECIFICATIONS:**

- PASSBAND FREQUENCY:..... 110 MHz TO 140 MHz
- BANDWIDTH (-3 dB):..... 30 MHz MIN.
- INSERTION LOSS @ 125 MHz (F<sub>0</sub>):..... 2 dB MAX
- PASSBAND FLATNESS:..... 3 dB MAX
- VSWR:..... 1.5:1 MAX
- REJECTION @ 100 MHz:..... 40 dB MIN.
- REJECTION @ 150 MHz:..... 40 dB MIN.
- INPUT POWER:..... 1 W MAX
- CONNECTORS:..... SMA FEMALE
- 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
- 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

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMALS    ANGLES ±            .XX ± 0.02    ±              .XXX ± 0.01</small>		<small>APPROVALS</small> <b>DRAWN</b> <b>V. PRATAP</b> <small>REDRAWN</small>		<small>DATE</small> 9/6/2025	<b>Quantic PMI</b> <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			
		<small>ISSUED</small>		<small>TITLE</small> OUTLINE BPF-110M140M-30M-SFF				
		<small>SIZE</small> B	<small>FSCM NO.</small> 05XQ0	<small>DWG NO.</small> 27052780	<small>REV.</small> A1			
		<small>SCALE</small> 3:1		<small>SHEET</small> 1 OF 1				