

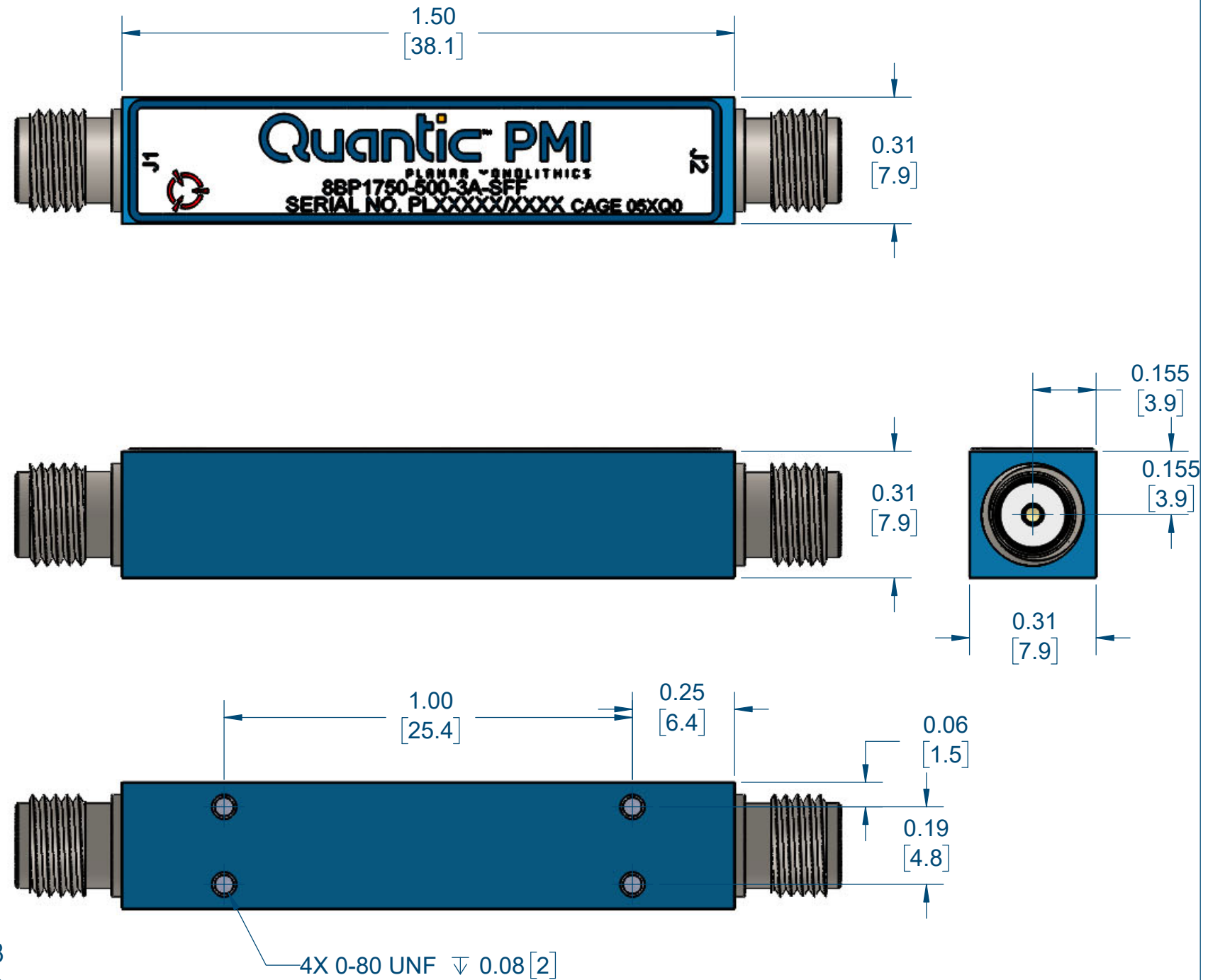
DESCRIPTION:

PMI MODEL: 8BP1750-500-3A-SFF IS A LC BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN/ OUT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/21/2025	

SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 1.5 TO 2 GHz
- BANDWIDTH (-3dB):..... 500 MHz MIN
- INSERTION LOSS @ 1.75 GHz:..... 1.5 dB MAX
- VSWR:..... 1.5:1 MAX
- REJECTION @ 950 MHz:..... 60 dBc MIN
- REJECTION @ 2300 MHz:..... 60 dBc 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

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		<table border="1"> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> <tr> <td>DRAWN M.LAULIS</td> <td>1/21/2025</td> </tr> <tr> <td>REDRAWN</td> <td></td> </tr> <tr> <td>ISSUED</td> <td></td> </tr> </table>		APPROVALS	DATE	DRAWN M.LAULIS	1/21/2025	REDRAWN		ISSUED		<p>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</p>	
APPROVALS	DATE												
DRAWN M.LAULIS	1/21/2025												
REDRAWN													
ISSUED													
		<p>TITLE OUTLINE 8BP1750-500-3A-SFF</p>											
		SIZE B	FSCM NO. 05XQ0	DWG NO. 27050780	REV. A1								
		SCALE 3:1			SHEET 1 OF 1								