

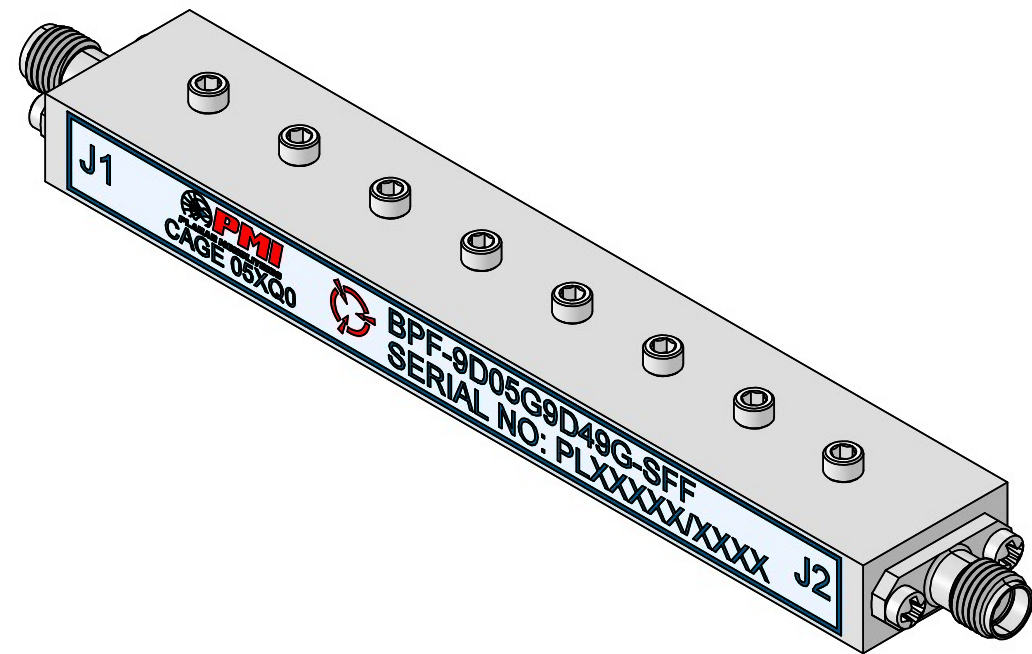
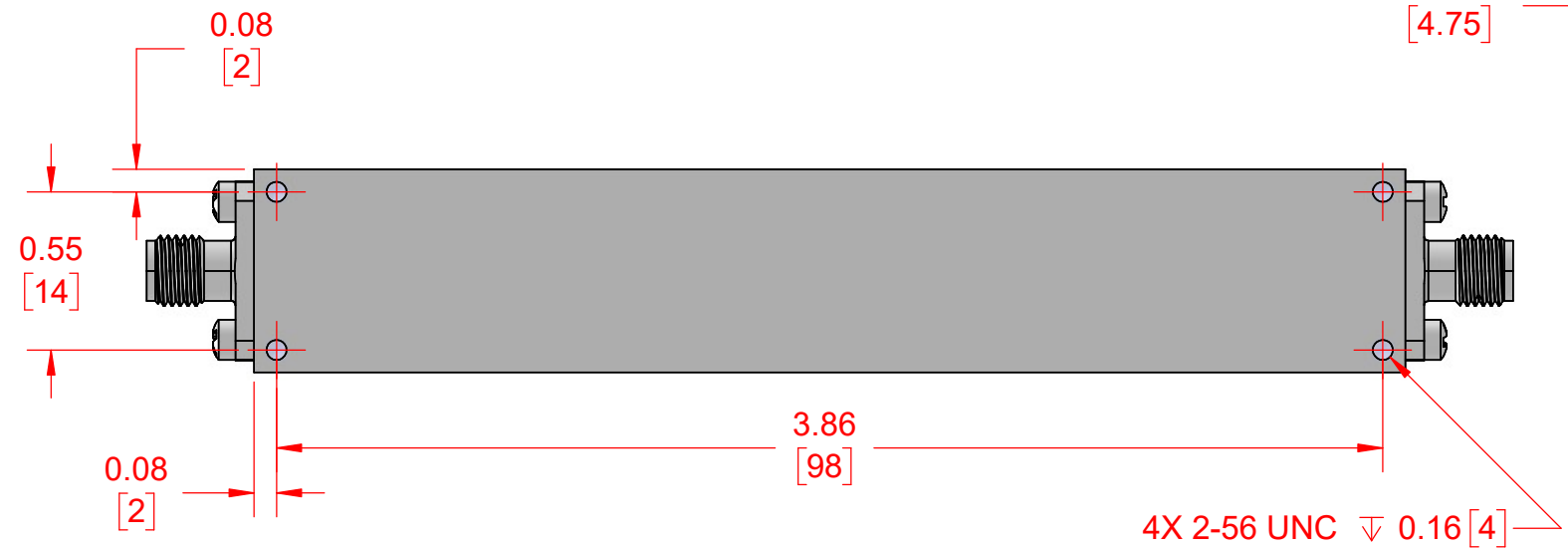
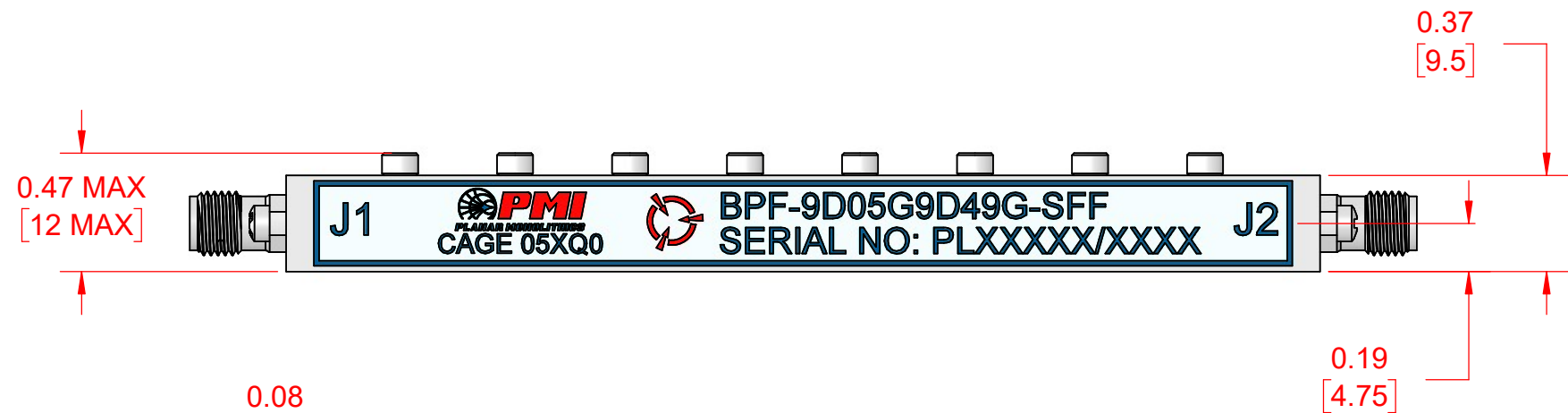
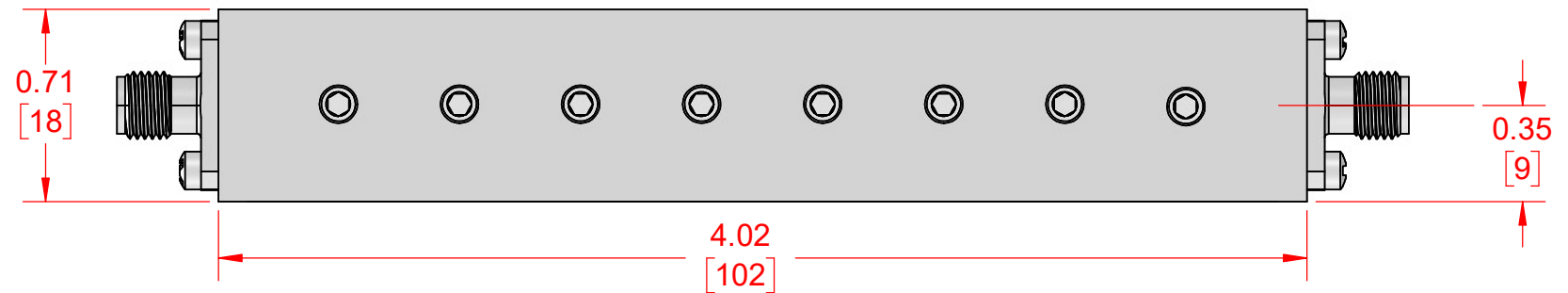
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/8/2025	

**DESCRIPTION:**

PMI MODEL NUMBER BPF-9D05G9D49G-SFF IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN/OUT. THIS UNIT HAS A PASSBAND FREQUENCY FROM 9.05-9.49 GHz.

**SPECIFICATIONS:**

- FREQUENCY RANGE:..... 9.05 TO 9.49 GHz
- INSERTION LOSS:..... 1 dB MAXIMUM
- RIPPLE:..... 0.6 dB MAXIMUM
- VSWR:..... 1.5:1 MAXIMUM
- REJECTION @ 8.65-8.865 GHz:..... 25 dB MINIMUM
- GROUP DELAY:..... 2 ns MAXIMUM
- INPUT POWER:..... 5 W CW MAXIMUM
- CONNECTORS:..... SMA FEMALE (X2)
- FINISH:..... SILVER PLATED




**ENVIRONMENTAL RATINGS:**

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B 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		DATE	 <b>PMI</b> PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 682-5019, FAX: (301) 682-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED		
DRAWN		12/8/2025			
VP					
REDRAWN					
ISSUED			TITLE	OUTLINE	
			BPF-9D05G9D49G-SFF		
SIZE	FSCM NO.	DWG NO.	REV.		
B	05XQ0	27053840	A1		
SCALE 3:2			SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 ± .XX ± 0.02 ±  
 .XXX ± 0.01