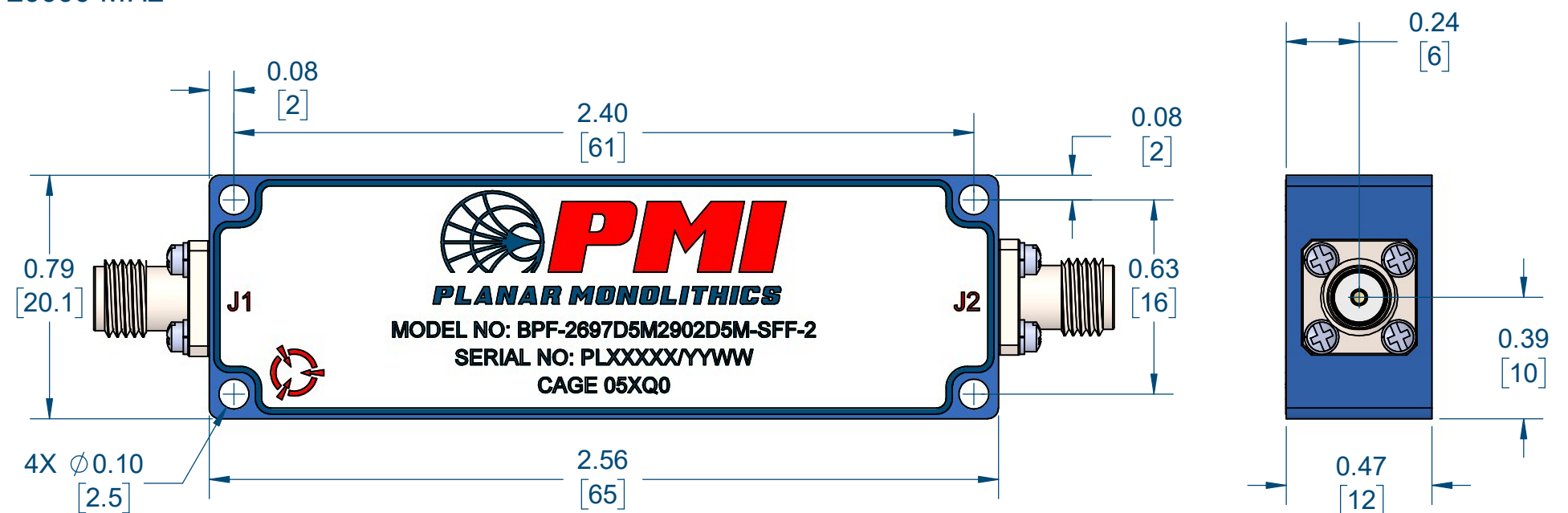


PMI MODEL: BPF-2697D5M2902D5M-SFF-2 IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN & OUT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/13/2026	

- PASSBAND FREQUENCY:..... 2697.5 TO 2902.5 MHz
- INSERTION LOSS:..... 2 dB MAX
- PASSBAND RIPPLE:..... 0.5 dB MAX
- VSWR:..... 1.6:1 MAX
- REJECTION:..... 60 dB MIN @ DC-1348 MHz
60 dB MIN @ 5395-8090 MHz
80 dB MIN @ 8090-18000 MHz
60 dB MIN @ 18000-20000 MHz
- INPUT POWER:..... 5 W CW MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



- TEMPERATURE:.....-40°C TO +70°C (OPERATING)
- HUMIDITY:.....MIL-STD-202, METHOD 103 COND. B
- SHOCK:.....MIL-STD-202, METHOD 213 COND. B
- VIBRATION:.....MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:.....MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:.....MIL-STD-202, METHOD 107 COND. A

PMI CONFIDENTIAL AND PROPRIETARY

			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			
	APPROVALS	DATE	TITLE OUTLINE BPF-2697D5M2902D5M-SFF-2			
	DRAWN E. Castillo	5/13/2026				
	REDRAWN		SIZE B FSCM NO. DWG NO. 05XQ0 27055060			
ISSUED						
		SCALE 2:1		SHEET 1 OF 1		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01						

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