

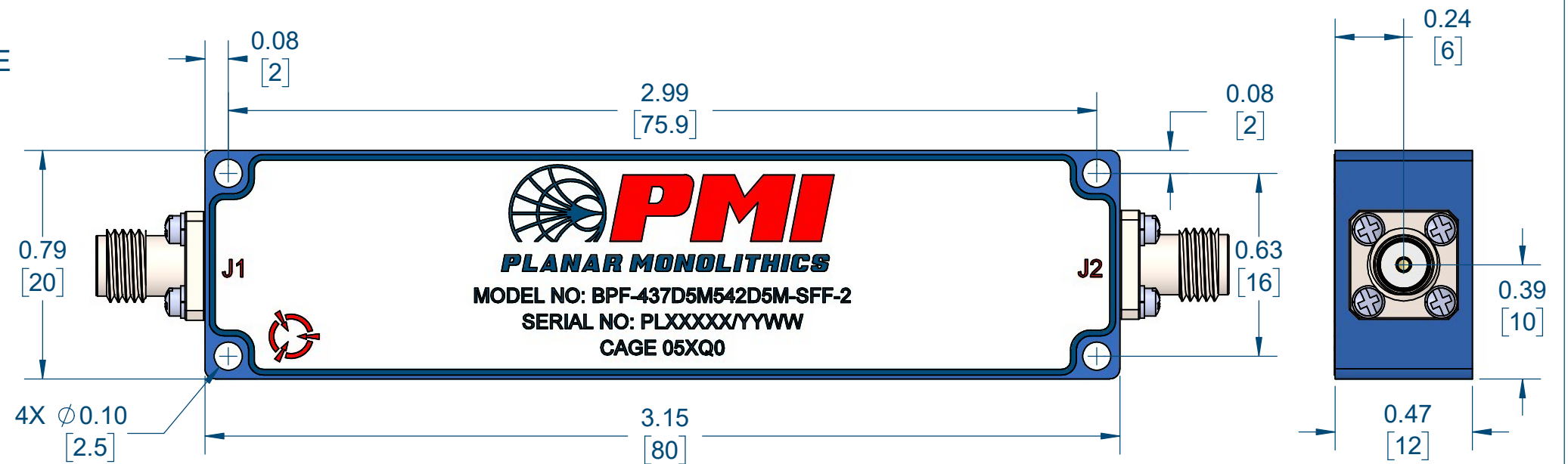
**DESCRIPTION:**

PMI MODEL: BPF-437D5M542D5M-SFF-2 IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN & OUT.

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

**SPECIFICATIONS:**

- PASSBAND FREQUENCY:..... 437.5 TO 542.5 MHz
- INSERTION LOSS:..... 2 dB MAX
- PASSBAND RIPPLE:..... 0.5 dB MAX
- VSWR:..... 1.6:1 MAX
- REJECTION:..... 20 dB MIN @ 875 TO 1627.5 MHz  
50 dB MIN @ 2155 TO 3340 MHz  
70 dB MIN @ 5937.5 TO 6680 MHz  
50 dB MIN @ 6920 TO 20000 MHz
- INPUT POWER:..... 5 W CW MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE




**ENVIRONMENTAL RATINGS:**

- 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

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	 <b>PLANAR MONOLITHICS</b> 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			
		DRAWN <b>E. CASTILLO</b> REDRAWN	5/13/2026				TITLE OUTLINE BPF-437D5M542D5M-SFF-2
		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27055080	REV. A1
		SCALE 2:1			SHEET 1 OF 1		