

DESCRIPTION:

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

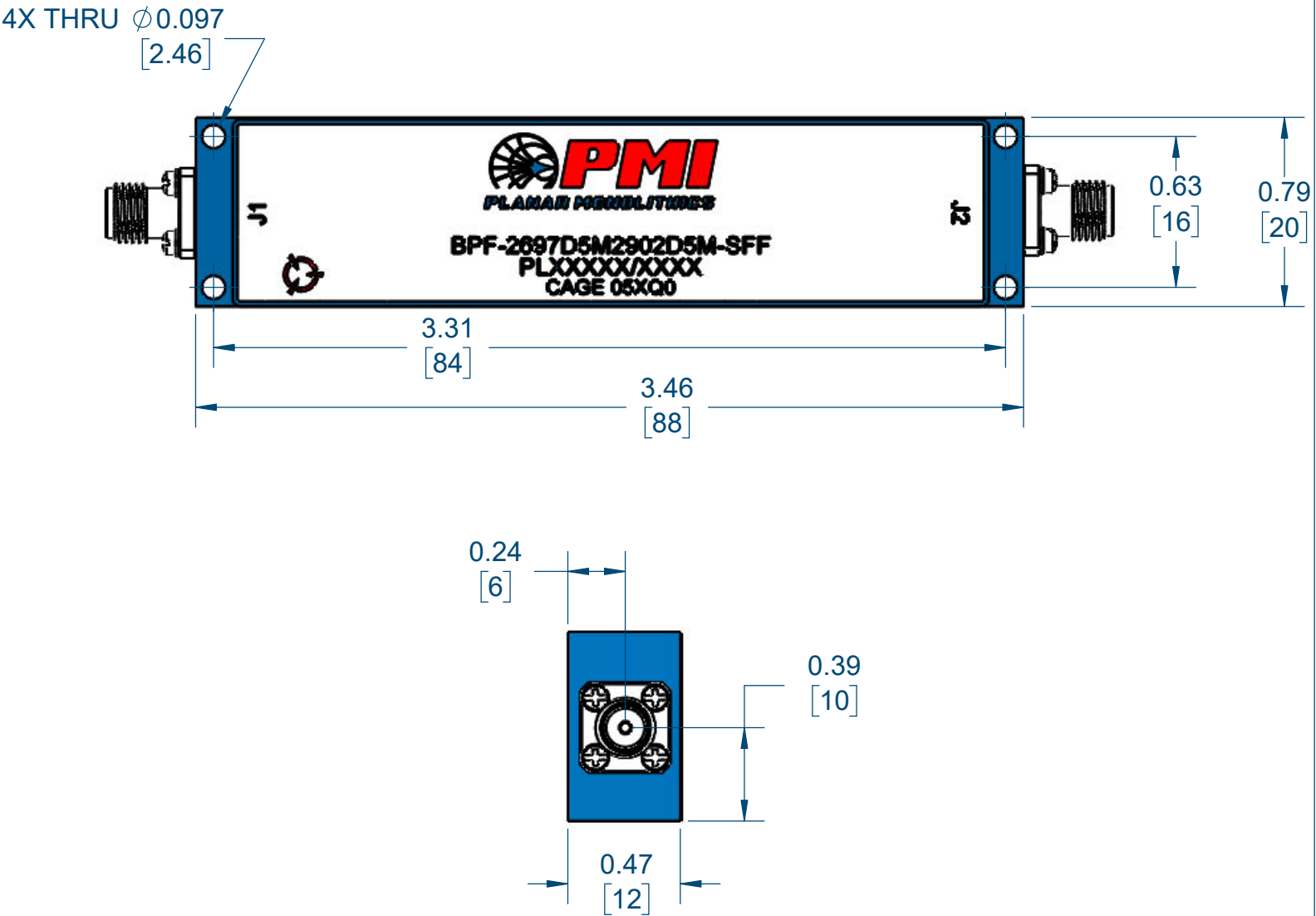
SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 2697.5 MHz TO 2902.5 MHz
- INSERTION LOSS:..... 3 dB MAX
- PASSBAND RIPPLE:..... 0.5 dB MAX
- VSWR:..... 1.6:1 MAX
- REJECTION:..... 45 dB MIN @ 437.5 TO 2465 MHz
45 dB MIN @ 3240 TO 3340 MHz
70 dB MIN @ 3677.5 TO 17242.5 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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/14/2026	



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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					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					
			DRAWN		IC							
			REDRAWN		5/14/2026							
			ISSUED		SIZE		FSCM NO.		DWG NO.		REV.	
					B		05XQ0		27055120		A1	
					SCALE 2:1						SHEET 1 OF 1	