

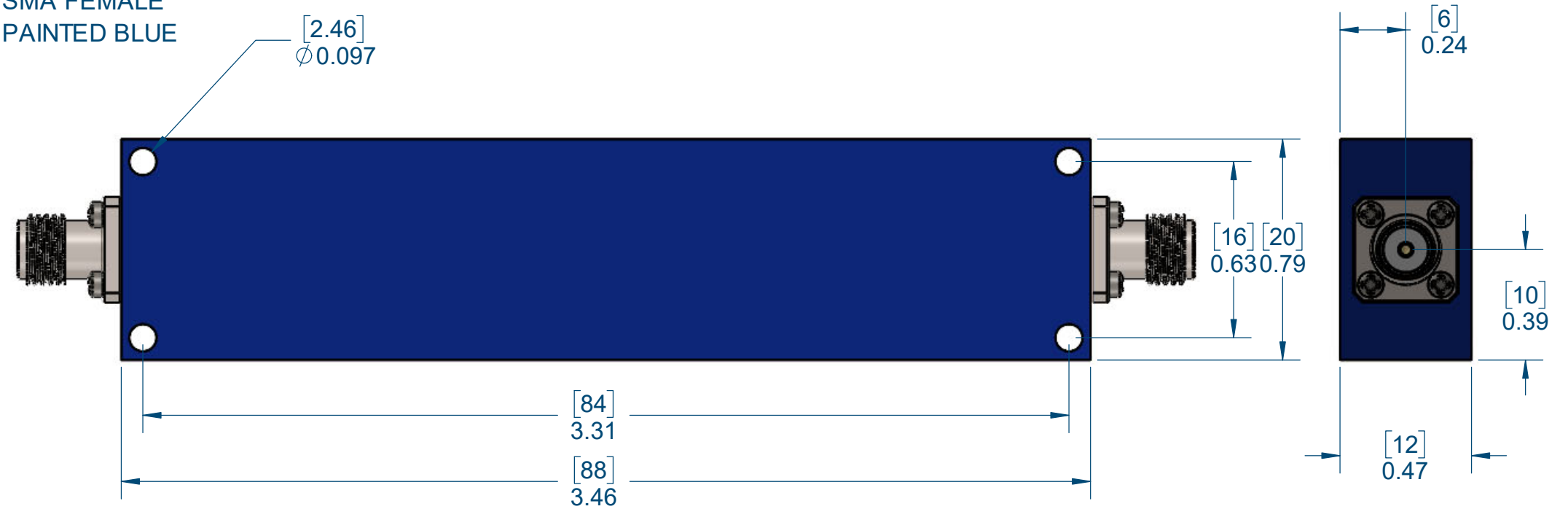
**DESCRIPTION:**

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/26/25	

**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 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

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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		APPROVALS DATE DRAWN AG 11/26/25 REDRAWN ISSUED		TITLE BPF-2697D5M2902D5M-SFF	
		SIZE B FSCM NO. 05XQ0 DWG NO. PRELIMINARY SCALE 1:1	REV. - SHEET 1 OF 1		

**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  
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