

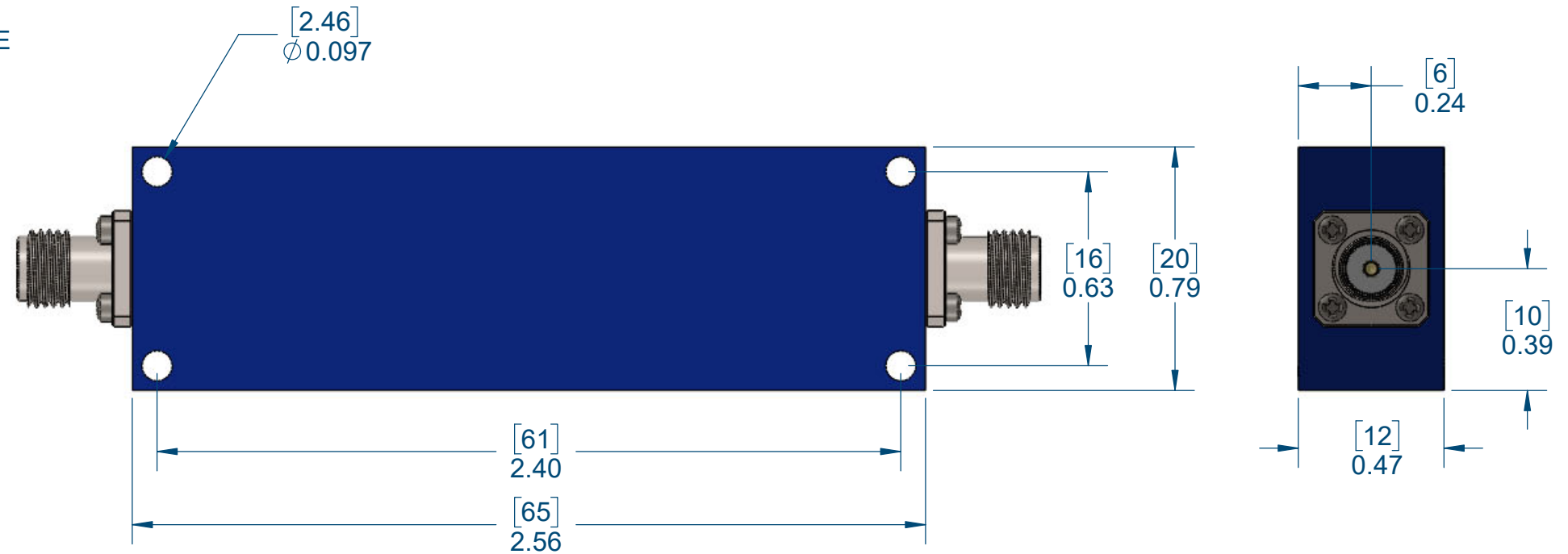
**DESCRIPTION:**

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

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

**SPECIFICATIONS:**

- 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 TO 1348 MHz  
60 dB MIN @ 5395 TO 8090 MHz  
80 dB MIN @ 8090 TO 18000 MHz  
60 dB MIN @ 18000 TO 20000 MHz
- INPUT POWER:..... 5 W CW MAX
- CONNECTORS:..... SMA (F)
- 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	<b>Quantic PMI</b> 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			
		DRAWN <b>AG</b>		11/26/25				
REDRAWN		TITLE BPF-2697D5M2902D5M-SFF-2			SIZE B	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED		SCALE 1:1			SHEET 1 OF 1			