

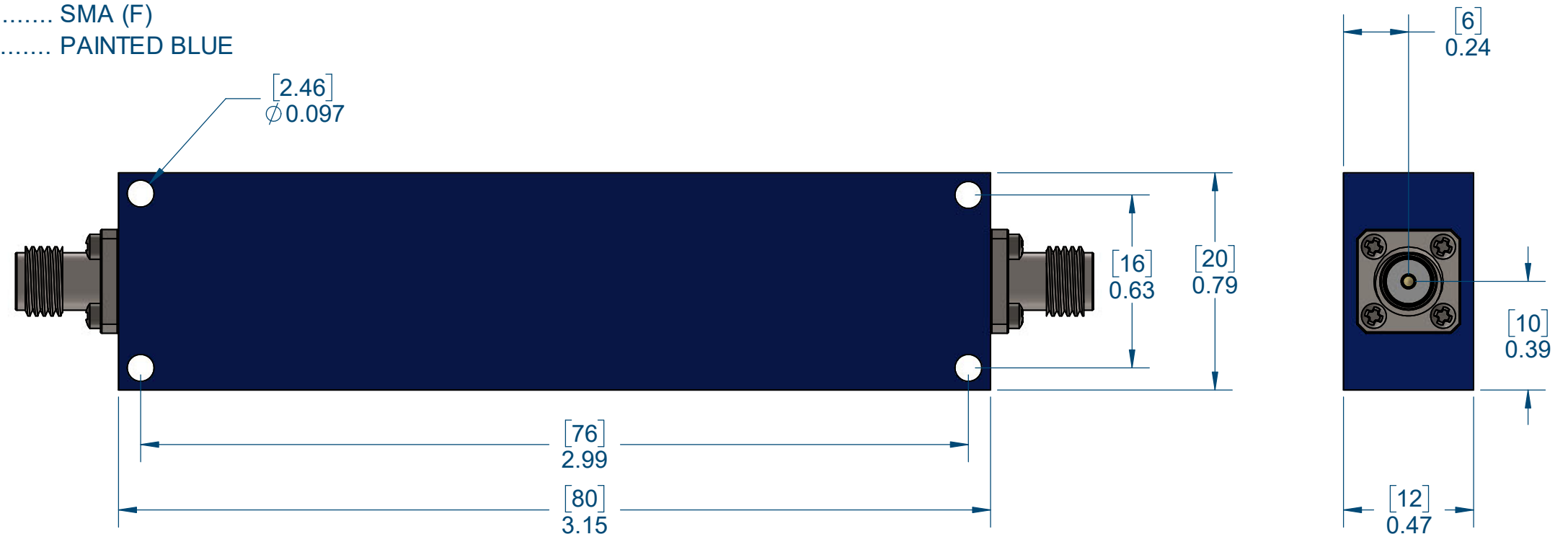
DESCRIPTION:

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

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

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 (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

PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS DRAWN AG REDRAWN ISSUED		DATE	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			
		11/26/25	TITLE BPF-437D5M542D5M-SFF-2			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.	
		B	05XQ0	PRELIMINARY	-	
		SCALE 1:1				SHEET 1 OF 1