

DESCRIPTION

PMI MODEL BP-5D17G-5D25G-SFF IS A BANDPASS FILTER DESIGNED WITH A CENTER FREQUENCY OF 5.21 GHz, A PASSBAND OF 5.17 GHz TO 5.25 GHz, A MAXIMUM INSERTION LOSS OF 1.6 dB, AND A MAXIMUM VSWR OF 1.31:1. THIS UNIT IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

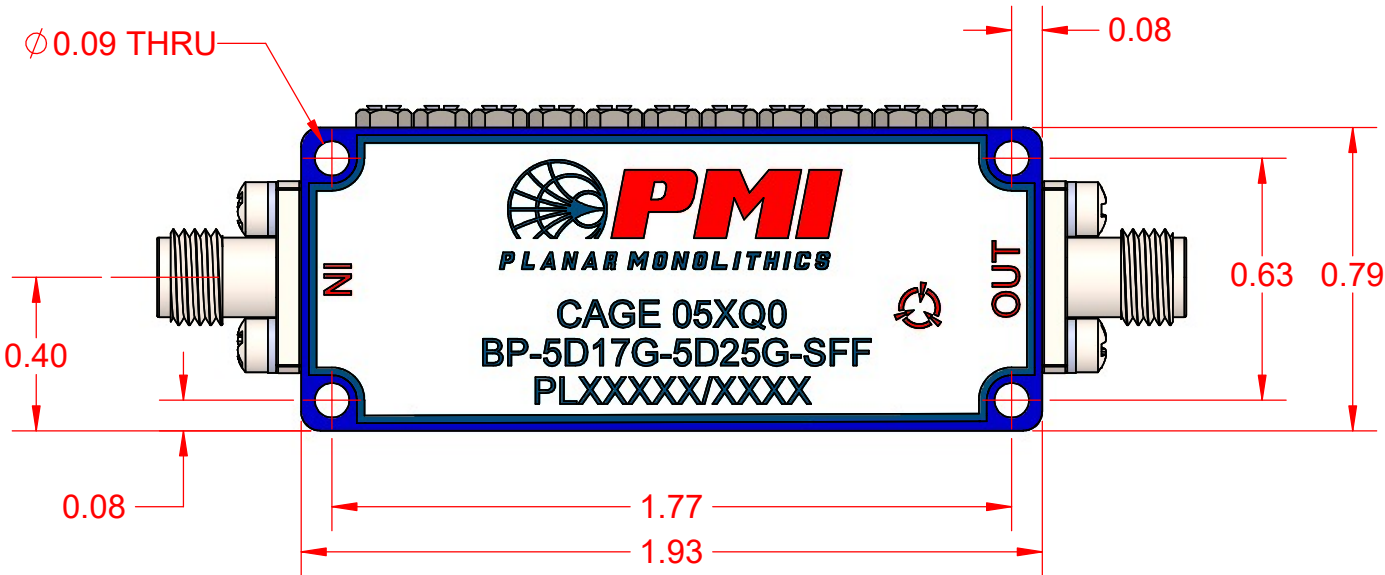
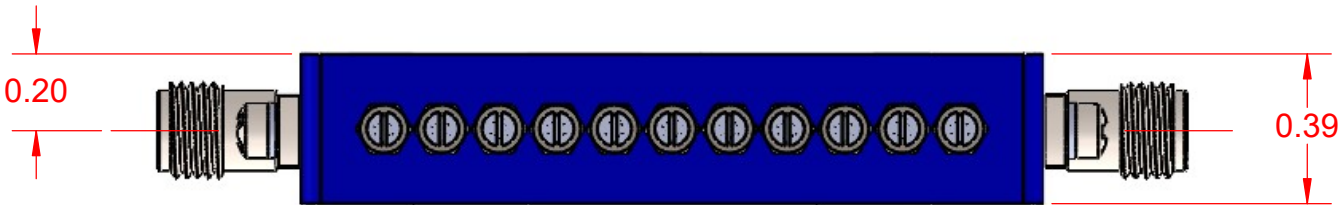
- CENTER FREQUENCY: 5.21 GHz
- PASSBAND FREQUENCY: 5.17 TO 5.25 GHz
- INSERTION LOSS: 1.6 dB MAX
- VSWR: 1.3:1 MAX
- REJECTION @ DC TO 4.9 GHz: 50 dB MIN
- REJECTION @ 5.8 TO 10 GHz: 50 dB MIN
- INPUT POWER: 5 W CW MAX
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE

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

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	09/17/2026	



PMI CONFIDENTIAL AND PROPRIETARY

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 PRODUCT FEATURE BP-5D17G-5D25G-SFF			
	DRAWN A. SABADOS REDRAWN	09/17/2026				
	ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. 1
		SCALE 2:1			SHEET 1 OF 1	