

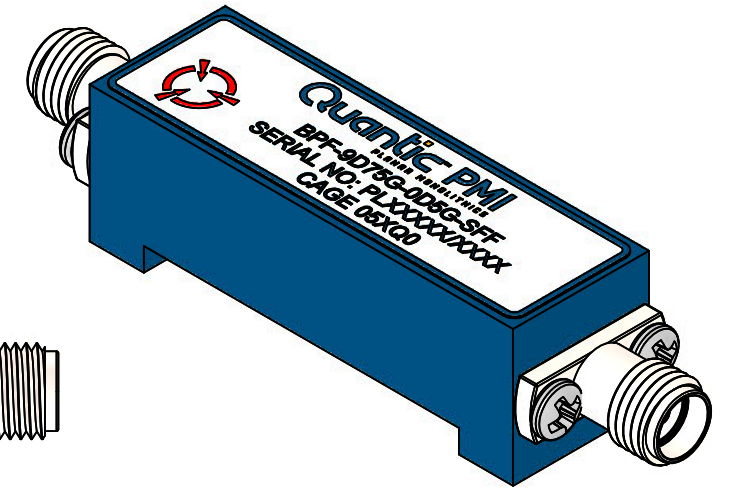
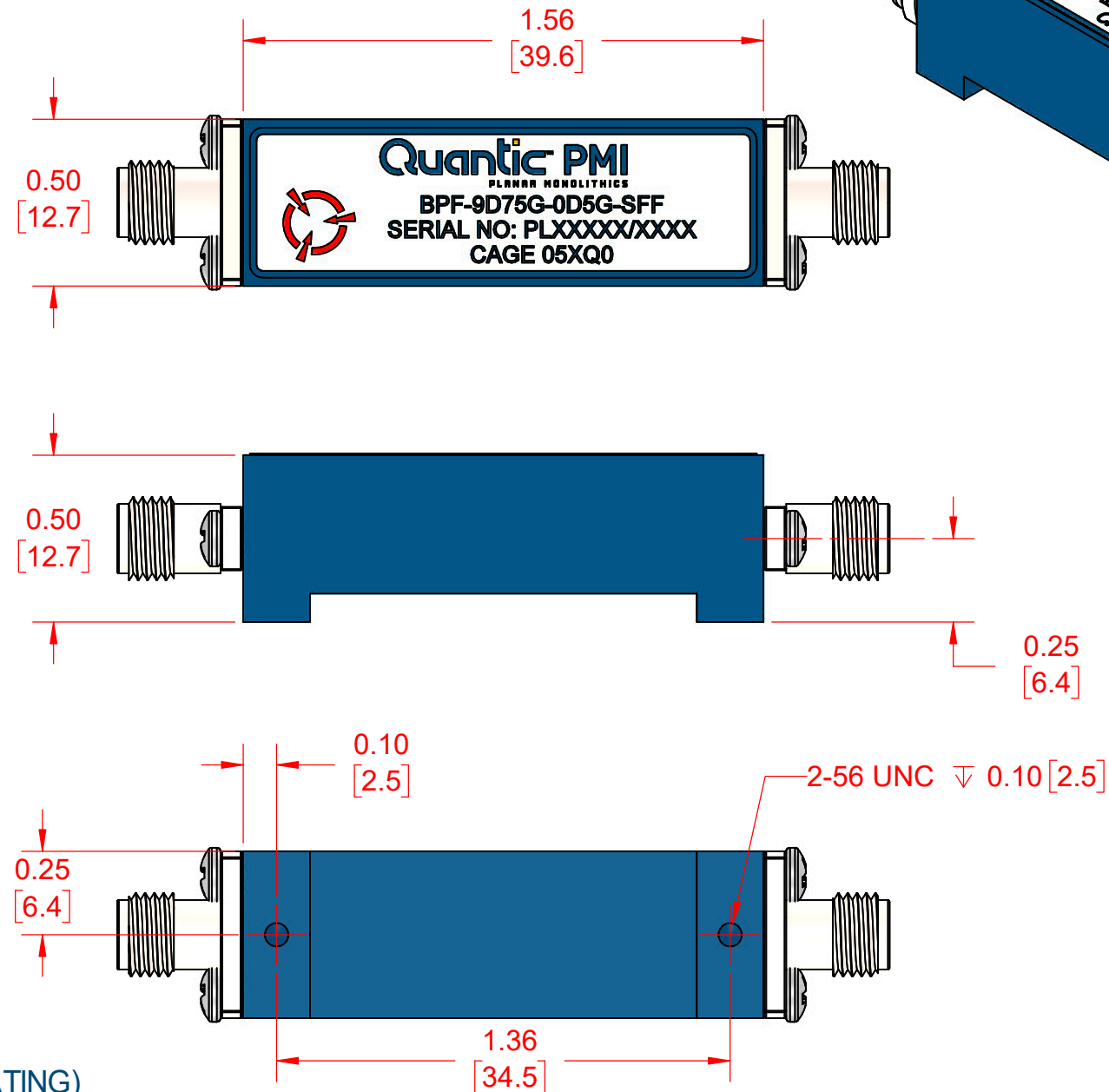
DESCRIPTION:

PMI MODEL: BPF-9D75G-0D5G-SFF IS A BAND PASS FILTER WITH SMA FEMALE CONNECTORS IN/ OUT. THIS UNIT HAS A CENTER FREQUENCY OF 9750 MHz AND AN INSERTION LOSS OF 0.9 dB MAX.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	6/23/2025	

SPECIFICATIONS @ 25°C:

- PASSBAND FREQUENCY:..... 9.5 GHz TO 10 GHz
- INSERTION LOSS:..... 0.9 dB MAX
- RETURN LOSS:..... 14 dB MIN
- REJECTION @ DC TO 8000 MHz:..... 75 dBc MIN
- REJECTION @ 10750 MHz TO 15000 MHz:..... 58 dBc MIN
- INPUT POWER:..... 10 W 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

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN V.P. REDRAWN ISSUED		DATE		TITLE OUTLINE BPF-9D75G-0D5G-SFF	
		6/23/2025			
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	27052240	A1
		SCALE 2:1			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
 ISO 9001 CERTIFIED