

DESCRIPTION:

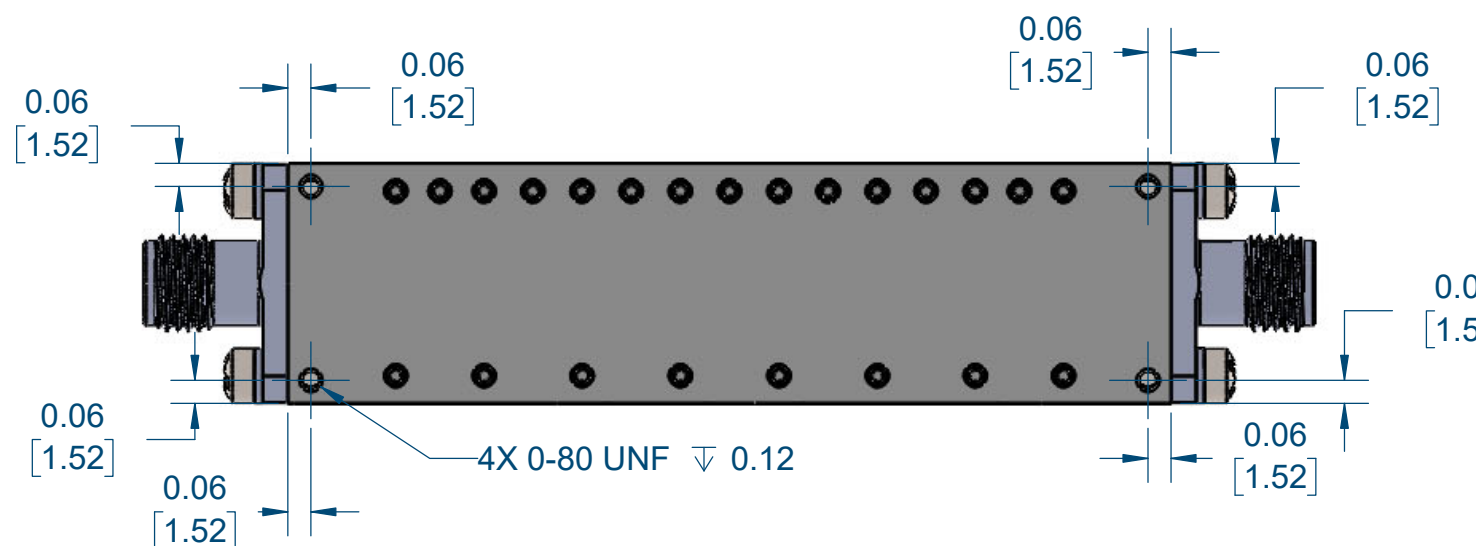
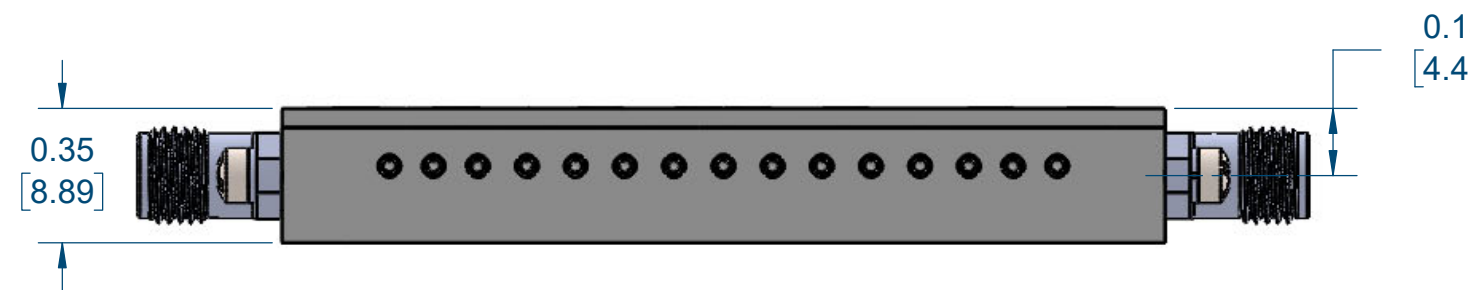
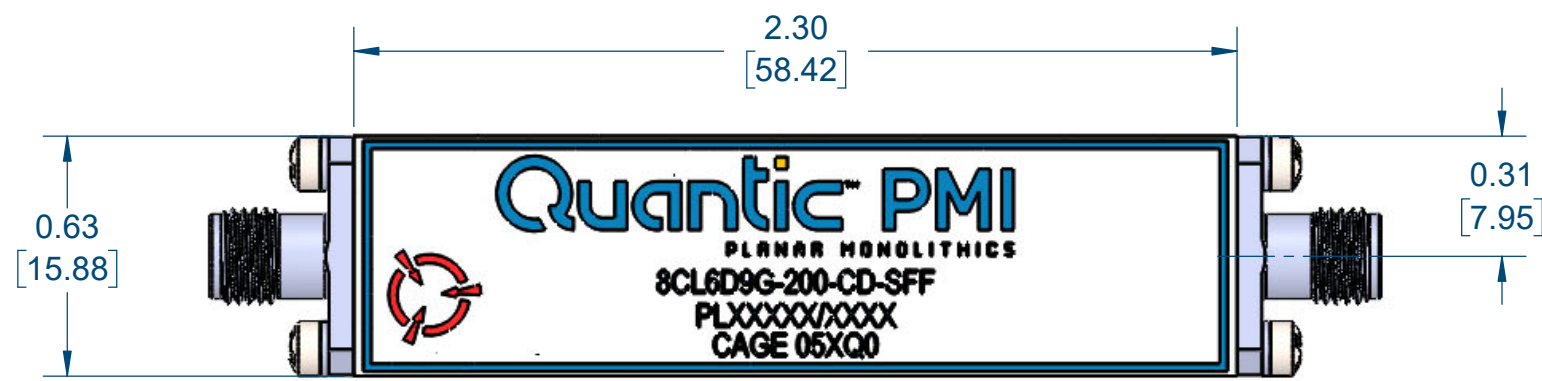
PMI MODEL: 8CL6D9G-200-CD-SFF IS A COMBLINE BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/7/2025	

SPECIFICATIONS @ 25°C:

- CENTER FREQUENCY:..... 6900 MHz
- 3dB BANDWIDTH:..... 200 MHz
- INSERTION LOSS (PASSBAND):..... 2 dB MAX
- VSWR:..... 1.5:1 MAX
- REJECTION @ 6700 MHz:..... 40 dBc MIN
- REJECTION @ 7100 MHz:..... 40 dBc MIN
- REJECTION FROM 7200 TO 15500 MHz:..... 60 dBc MIN

- CONNECTORS:..... SMA FEMALE
- SIZE:..... 2.30" (L) X 0.625" (W) X 0.35" (H)
- WEIGHT:..... 1 OZ. TYP
- FINISH:..... SILVER PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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 M.LAULIS REDRAWN ISSUED		DATE		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	
		10/7/2025			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01				TITLE OUTLINE 8CL6D9G-200-CD-SFF	
SIZE		FSCM NO.	DWG NO.	REV.	
B		05XQ0	27053160	A1	
SCALE 2:1				SHEET 1 OF 1	