

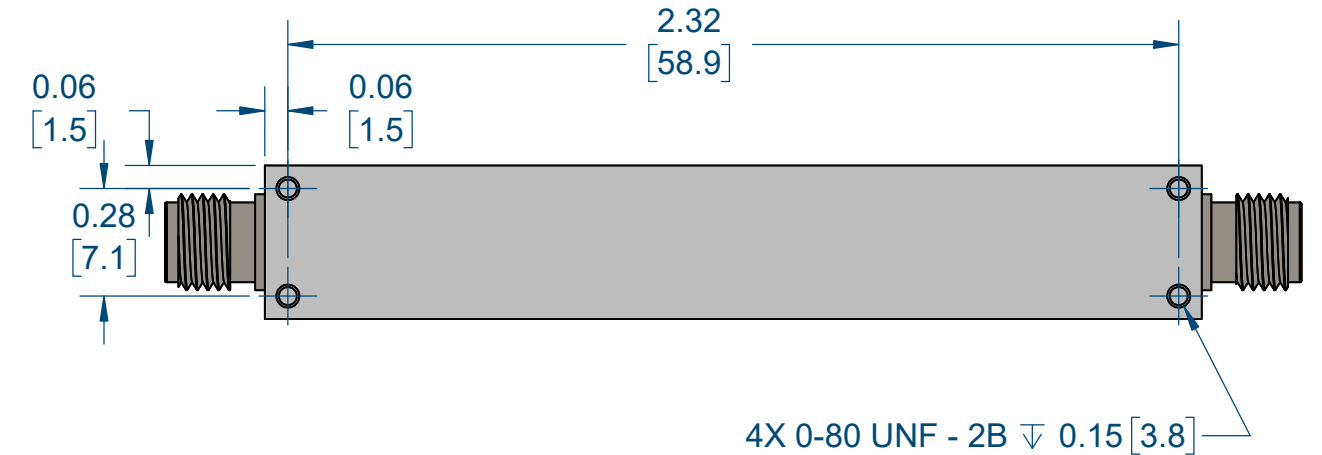
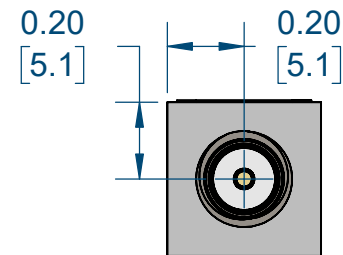
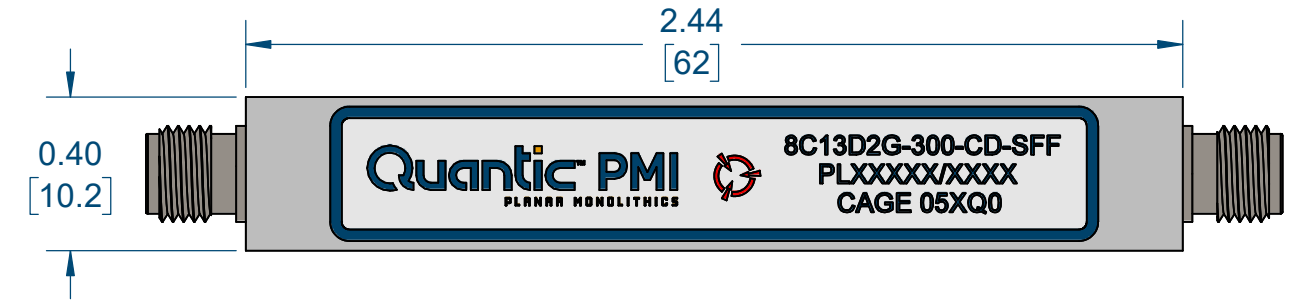
**DESCRIPTION:**

PMI MODEL NUMBER 8C13D2G-300-CD-SFF IS A CAVITY FILTER WITH SMA FEMALE CONNECTORS IN AND OUT. ALL FILTERS WILL BE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	PRELIMINARY	10/8/2025	

**SPECIFICATIONS:**

- CENTER FREQUENCY:..... 13200 MHz
- 3 dB BANDWIDTH:..... 300 MHz
- VSWR (PASSBAND):..... 1.5:1 MAX.
- INSERTION LOSS (PASSBAND):..... 3 dB MAX.
- REJECTION ±600 MHz FROM Fo:..... 80 dB
- CONNECTORS:..... SMA FEMALE
- SIZE:..... 2.44" (L) x 0.4" (W) x 0.4" (H)
- WEIGHT:..... 1 OZ. TYP.



**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
- SALT ATMOSPHERE:..... MIL-STD-202, METHOD 101E COND. C
- FUNGUS:..... MIL-STD-810C, METHOD 508.2
- 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		APPROVALS DATE DRAWN D. HOSCHAR 10/8/2025 REDRAWN ISSUED		TITLE PRELIMINARY OUTLINE 8C13D2G-300-CD-SFF	
		SIZE B FSCM NO. 05XQ0 DWG NO. PRELIMINARY SCALE 2:1	REV. 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	