

**DESCRIPTION:**

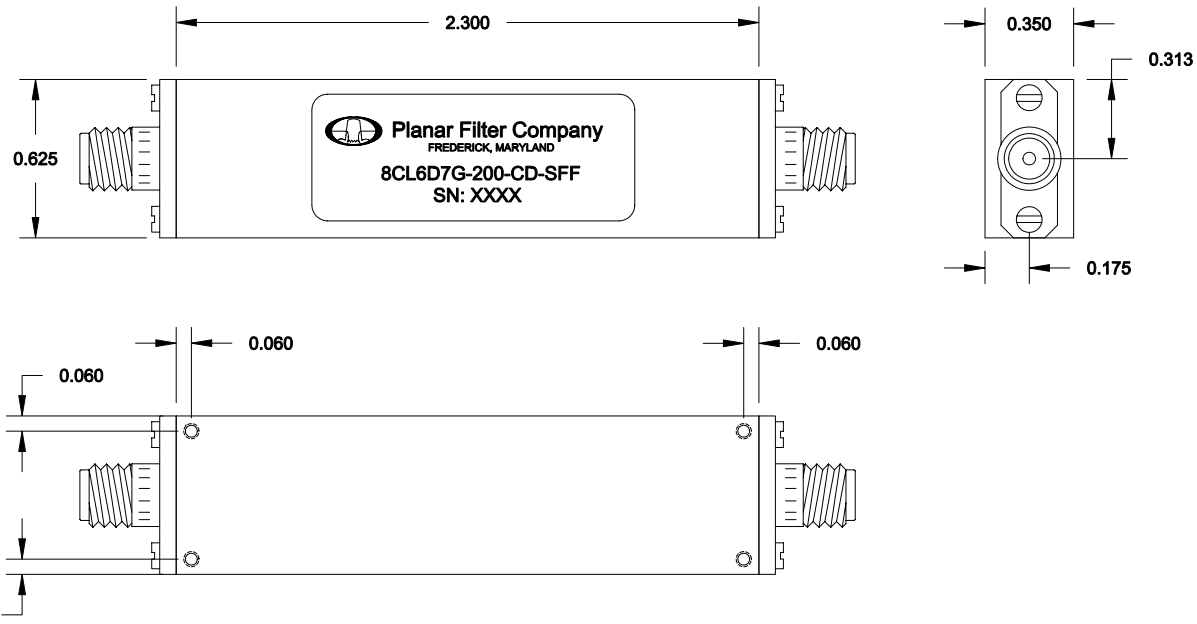
PFC model number 8CL6D7G-200-CD-SFF is a Comblaine Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	9/11/01	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 6700 MHz
- 1dB BANDWIDTH: . . . . . 200 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): . . . . . < 2 dB MAX.
- REJECTION @ 6500 MHz . . . . . -40 dB
- REJECTION @ 6900 MHz . . . . . -40 dB
- REJECTION FROM 7000 TO 15500 MHz . . . . . -60 dB

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



**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: . . . . . -55°C TO +85°C (OPERATING)  
-65°C TO +125°C (STORAGE)
- HUMIDITY: . . . . . MIL-STD-202F, METHOD 103B COND. B
- SHOCK: . . . . . MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: . . . . . MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: . . . . . MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: . . . . . MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: . . . . . MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: . . . . . MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.010  
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-0903		<b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
DRAWN S PALACIO	9/11/01	OUTLINE DRAWING 8CL6D7G-200-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	1QJW0	155-0903
		SCALE	N/A	SHEET 1 OF 1