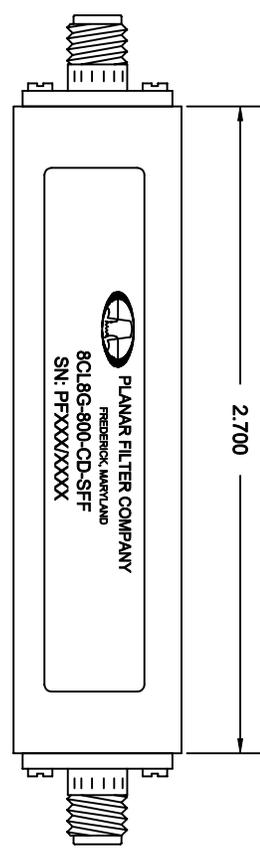
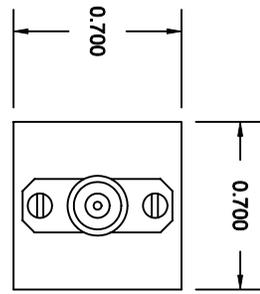


**DESCRIPTION:**

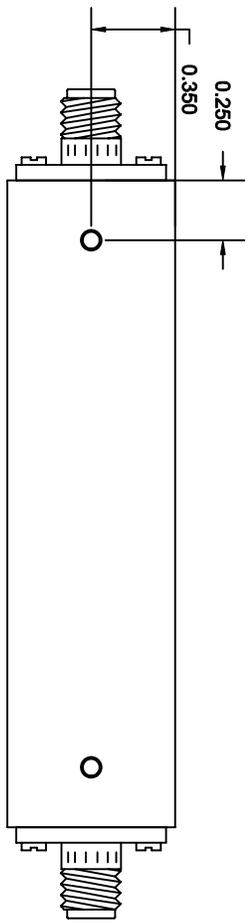
PFC model number 8CL8G-800-CD-SFF is a Combine Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 8000 MHZ
- 1dB BANDWIDTH: . . . . . 1000 MHZ
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): . . . . . < 1 dB MAX.
- REJECTION 8 SECTION RESPONSE



- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE: . . . . . 2.70" (L) x 0.70" (W) x 0.70" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	8/16/04	

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
XXX ±0.010  
XXXX ±0.005

PART NO. 27300290		<b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
S PALACIO	8/16/04	OUTLINE DRAWING 8CL8G-800-CD-SFF	
CHECKED		SIZE	FSQM NO.
ISSUED		A	1QJWO
		SCALE	N/A
		DWG NO.	27300290
		SHEET	1 OF 1
		REV.	-