

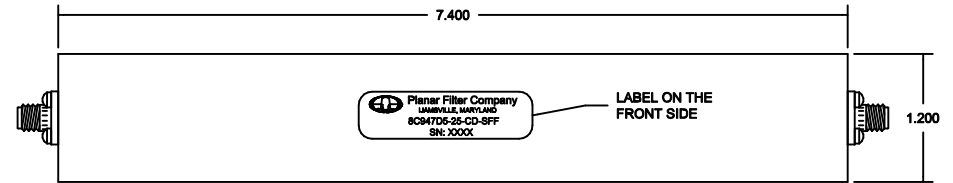
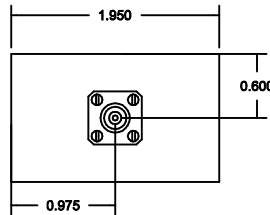
**DESCRIPTION:**

PFC model number 8C947D5-25-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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	1/21/03	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 947.5 MHz
- 3dB BANDWIDTH: . . . . . 25 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . 1.0 dB MAX.
- REJECTION 8 POLE RESPONSE



- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 7.40" (L) x 1.20" (W) x 1.95" (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:  
XXX ±0.010  
XXXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-1606		<b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	1/21/03	OUTLINE DRAWING 8C947D5-25-CD-SFF		
CHECKED		SIZE A	FSCM NO. 1QJWO	DWG NO. 155-1606
ISSUED		SCALE N/A		REV. -
			SHEET	1 OF 1