

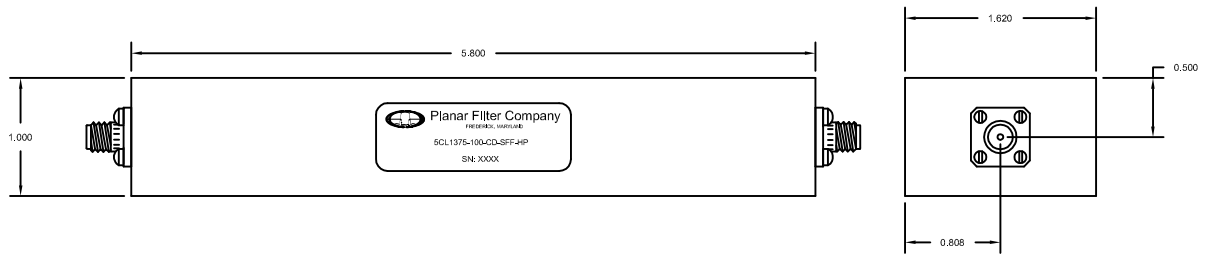
**DESCRIPTION:**

PFC model number 5CL1375-100-CD-SFF-HP 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.

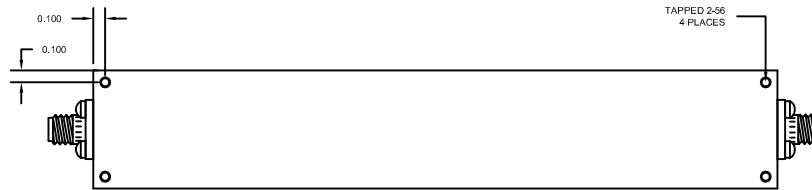
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	12/18/06	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 1375 MHz
- 0.5 dB BANDWIDTH: . . . . . 40 MHz min.
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS @ Fc . . . . . 1.0 dBc MAX.
- REJECTION @ 1215 MHz: . . . . . -70 dBc.
- REJECTION @ 1575 MHz: . . . . . -70 dBc.



- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 5.80" (L) x 1.00" (W) x 1.62" (H)
- WEIGHT . . . . . 8 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. 270-2363		Planar Filter Company 7311G Grove Road, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
DRAWN		OUTLINE DRAWING		
CHECKED		5CL1375-100-CD-SFF-HP		
ISSUED		SIZE B	FSCM NO. 1QJWO	DWG NO. 27002363
		SCALE N/A		REV. -
			SHEET 1 OF 1	