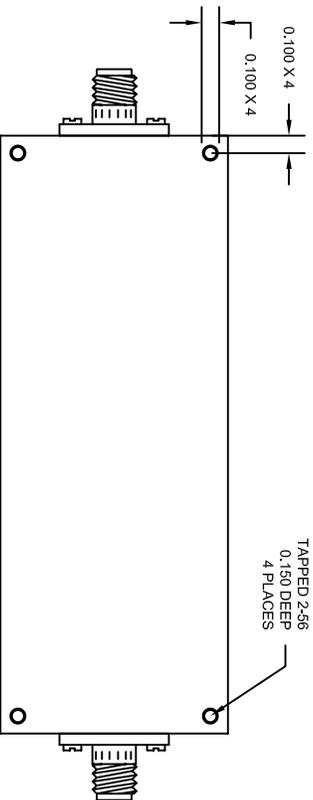
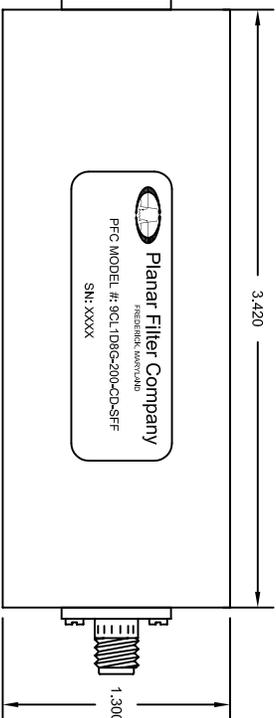
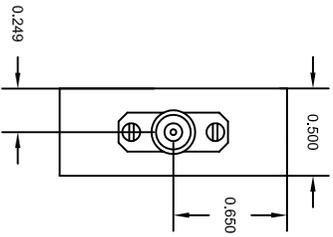


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	7/25/08	
	A	Changed W from 1.2 to 1.3	9/8/08	

DESCRIPTION:
PFC model number 9CL1D8G-200-CD-SFF is a Combine 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: 2.0 GHz
- PASSBAND BANDWIDTH: 180 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 4.0dB
- REJECTION AT 1.6 GHz 60dB
- REJECTION AT 2.0 GHz 60dB
- PASSBAND PHASE LINEARITY: 5 DEGREES P-P
- PASSBAND RIPPLE: 0.5dB P-P
- INPUT POWER: +30dBm CW MAX.
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 3.42" (L) X 1.20" (W) X 0.50" (H)
- WEIGHT 1 OZ. TYP.



ENVIRONMENTAL RATINGS:

- TEMPERATURE: 0°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 .0010
XXXX .0005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		DATE		TITLE		SCALE		SHEET		REV.	
APPROVALS		DATE		7/25/08		A 1 QJW0		27009083		A	
DRAWN 39424690		DATE		7/25/08		SIZE FSCM NO.		DWG NO.		27009083	
CHECKED		DATE		7/25/08		SCALE N/A		SHEET 1 OF 1		REV. A	
ISSUED		DATE		7/25/08		SIZE FSCM NO.		DWG NO.		27009083	

Planar Filter Company
7311G Grove Road, Fredrick, Maryland
OUTLINE DRAWING
9CL1D8G-200-CD-SFF