

## DESCRIPTION:

PFC model number CL3G-1G-CD-SS is a Combine Bandpass filter with SMA female connectors in and out. Offerin a broadband rejection. All filters will be machined and silver plated to provide the highest possible Q.

## SPECIFICATIONS:

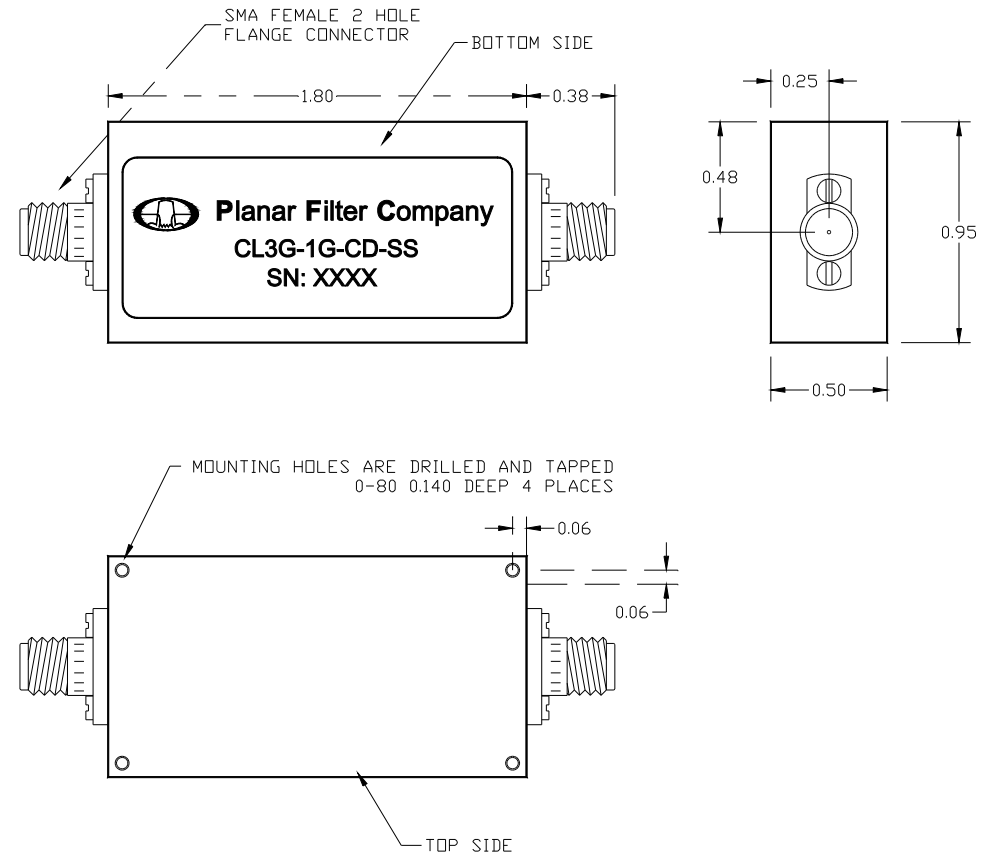
- CENTER FREQUENCY: ..... 3000 MHz
- 3 dB BANDWIDTH: ..... 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) ..... 0.5 dB MAX.
- REJECTION AT 0.5 TO 1.5 GHz: ..... 30 dB MIN.
- REJECTION AT 6 TO 7 GHz: ..... 40 dB MIN.
- REJECTION AT 9 TO 19 GHz: ..... 50 dB MIN.
- AMPLITUDE MATCHING: .....  $\pm 0.15$  dB
- CONNECTORS: ..... SMA FEMALE CONNECTORS
- SIZE ..... 1.8" (L) x 0.95" (W) x 0.50" (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	2/10/00	



ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
XX.X  $\pm 0.010$   
XX.XX  $\pm 0.005$

PART NO. PF60-022		 <b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland	
APPROVALS		DATE	
DRAWN K SIMMS		2/10/00	
CHECKED			
ISSUED			
TITLE OUTLINE DRAWING CL3G-1G-CD-SS			
SIZE A	FSCM NO. OZXZ8	DWG NO. 155-0053	REV. -
SCALE N/A		SHEET 1 OF 1	