

**DESCRIPTION:**

PFC model number 6CL10G-1G-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:**

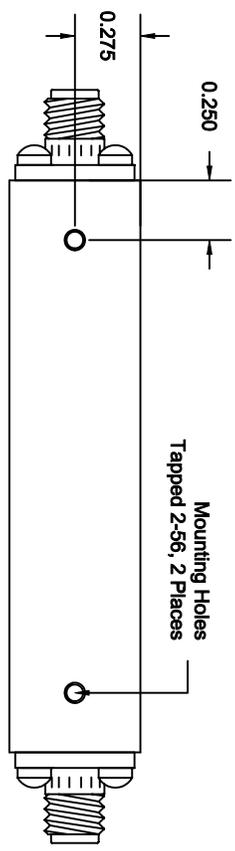
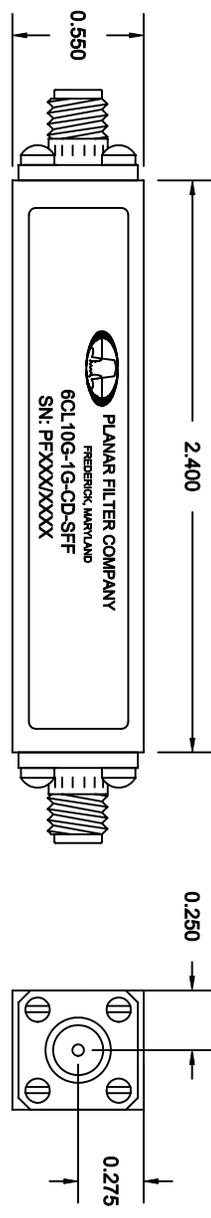
- CENTER FREQUENCY: . . . . . 10000 MHZ
- 1dB BANDWIDTH: . . . . . 1000 MHZ
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): . . . . . < 1 dB MAX.
- REJECTION 6 SECTION RESPONSE

- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE: . . . . . 2.40" (L) x 0.55" (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

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



ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
XXX ±0.010  
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 27300230		TITLE <b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	SIZE	FSQM NO.
DRAWN S PALACIO	8/16/04	A	1QJWO
CHECKED		SCALE	N/A
ISSUED		DWG NO.	27300230
		OUTLINE DRAWING 6CL10G-1G-CD-SFF	
		SHEET	1 OF 1
		REV.	-