

DESCRIPTION:

PFC model number 8CL6G-4G-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: 6000 MHz
- 3dB BANDWIDTH: 4000 MHz
- VSWR IN THE PASS BAND: 1.8:1 MAX.
- INSERTION LOSS (PASSBAND): 3dB MAX.
- REJECTION @ 2000 MHz: -40 dB
- REJECTION @ 10000 MHz: -40 dB

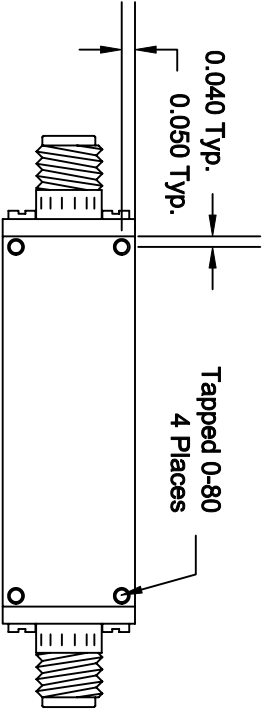
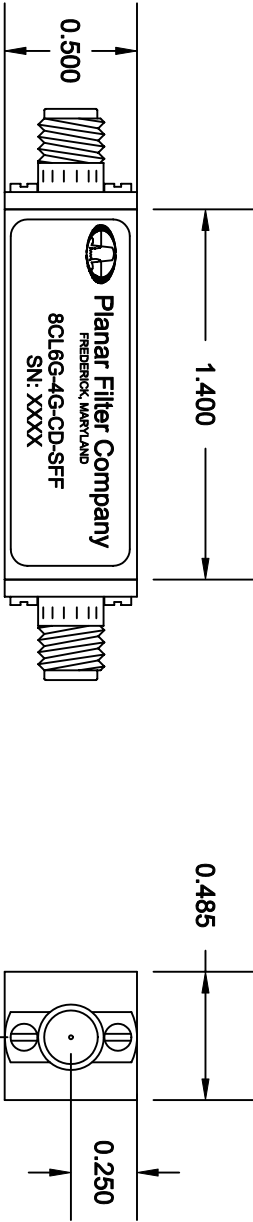
- CONNECTORS: SMA FEMALE CONNECTORS

- SIZE: 1.40" (L) x 0.485" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.

- 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

ENVIRONMENTAL RATINGS:

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
	—	ORIGINAL RELEASE	9/19/04	



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.010
XXXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		TITLE	
APPROVALS		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
DRAWN	DATE	OUTLINE DRAWING 8CL6G-4G-CD-SFF	
SP	9/19/04		
CHECKED			
ISSUED		SIZE FSCM NO. DWG NO. REV.	
		A 1 QJWO 27300430 —	
SCALE N/A		SHEET 1 OF 1	