

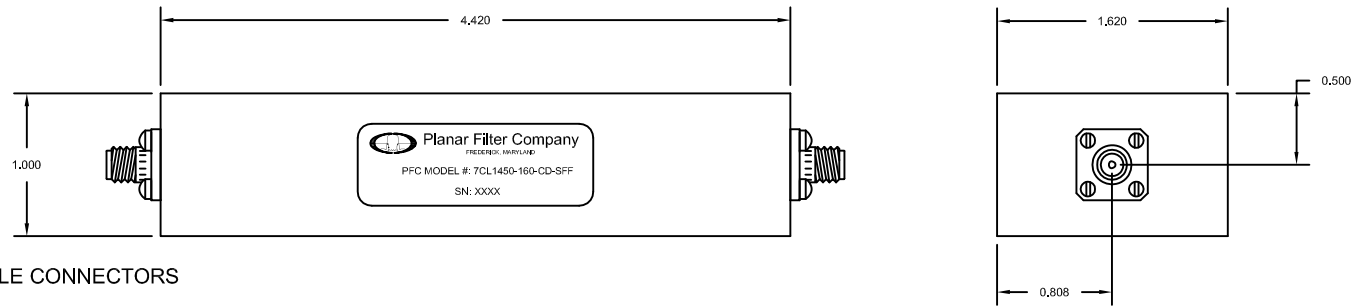
**DESCRIPTION:**

PFC model number 7CL1450-160-CD-SFF is a Comblne filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

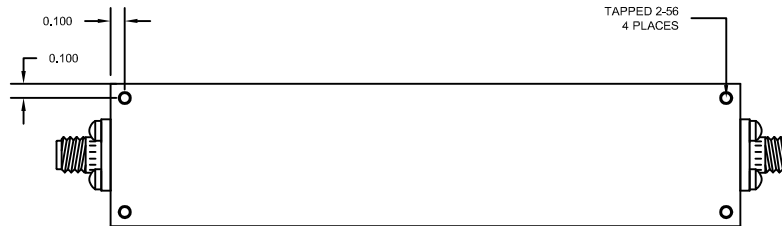
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	19/2/01	

**SPECIFICATIONS:**

- CENTER FREQUENCY: · · · · · 14500 MHz
- 3dB BANDWIDTH: · · · · · 160 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · -.5 dB MAX.
- REJECTION @ 1200 MHz: · · · · · -80 dB
- REJECTION @ 1660 MHz: · · · · · -80 dB



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 4.42" (L) x 1.00" (W) x 1.62" (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

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. 27300450		<b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland		
APPROVALS		DATE	TITLE	
DRAWN S. PALACIO		8/29/04	OUTLINE DRAWING 7CL1450-160-CD-SFF	
CHECKED				
ISSUED		SIZE A	FSCM NO. 1QJW0	DWG NO. 27300450
		SCALE N/A		REV. -
			SHEET	1 OF 1