

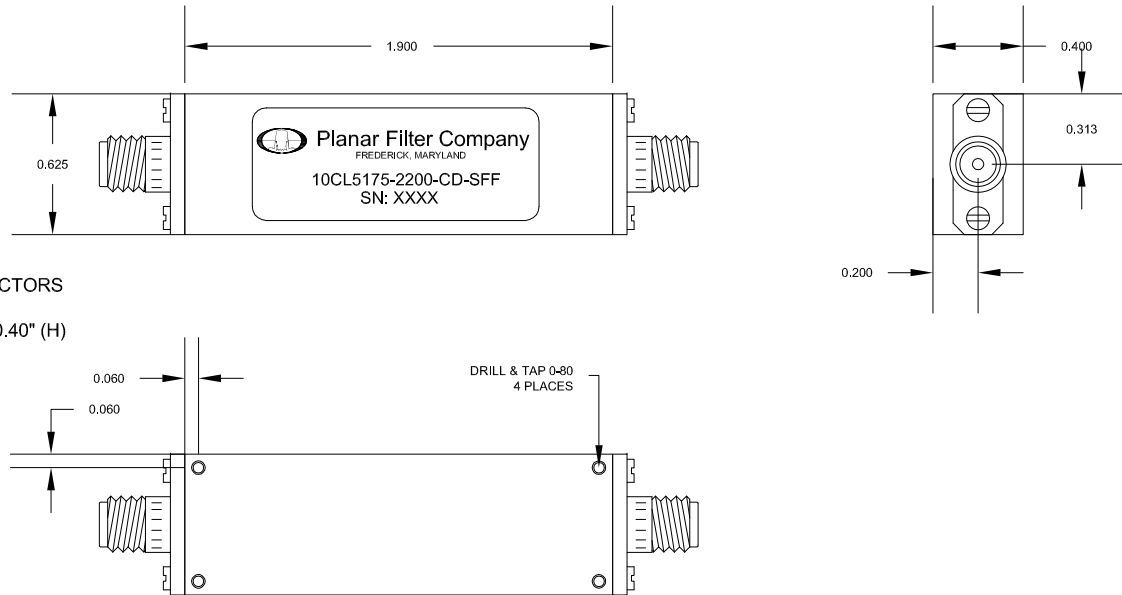
## DESCRIPTION:

PFC model number 10CL5175-2200-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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	2/3/01	
	A	CHANGE SPECIFICATIONS	7/8/01	

## SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 5175 MHz
- 3dB BANDWIDTH: · · · · · 2200 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 1 dB MAX.
- REJECTION @ 5 POLE RESPONSE




- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 1.90" (L) x 0.60" (W) x 0.40" (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.		 <b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland			
APPROVALS		DATE	TITLE		
DRAWN S PALACIO		2/3/01	OUTLINE DRAWING 10CL5175-2200-CD-SFF		
CHECKED					
ISSUED			SIZE A	FSCM NO. 1QJWO	DWG NO. 155-0635
			SCALE N/A	SHEET 1 OF 1	