

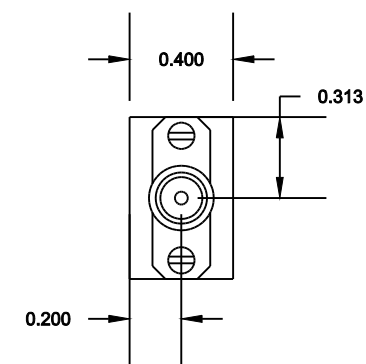
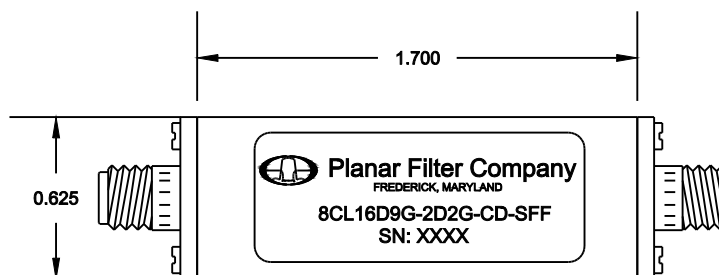
## DESCRIPTION:

PFC model number 8CL16D9G-2D2G-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

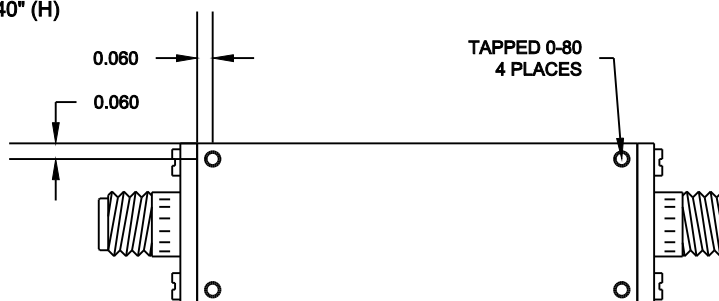
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	4/9/01	

## SPECIFICATIONS:

- CENTER FREQUENCY: 16.9 GHz
- 3dB BANDWIDTH: 2200 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND)  $\leq 1.5$  dB MAX.
- REJECTION @ 15.8 GHz:  $\leq -50$  dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.70" (L) x 0.625" (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:  
XXX  $\pm 0.010$   
XXX  $\pm 0.005$

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-0674		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
DRAWN S. PALACIO	4/9/01	OUTLINE DRAWING 8CL16D9-2D2G-CD-SFF	
CHECKED			
ISSUED			
SIZE A	FSCM NO. 1QJWO	DWG NO. 155-0674	REV. -
SCALE N/A		SHEET 1 OF 1	