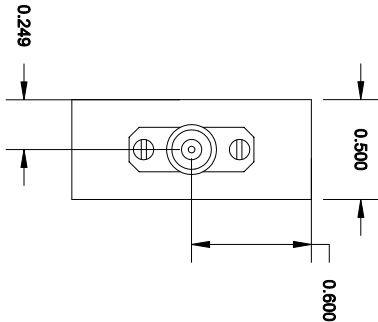


DESCRIPTION:

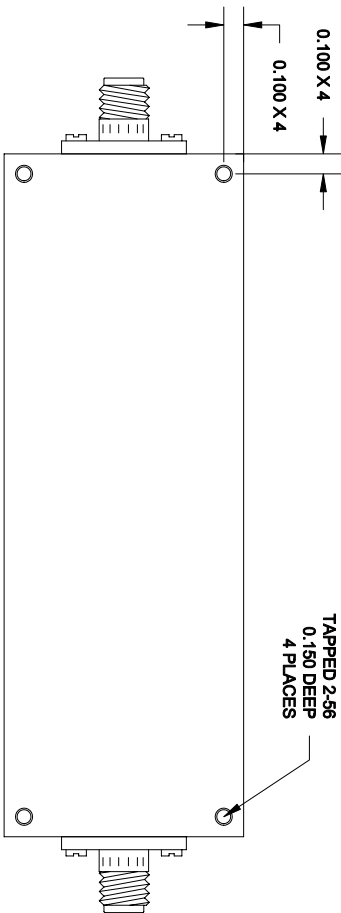
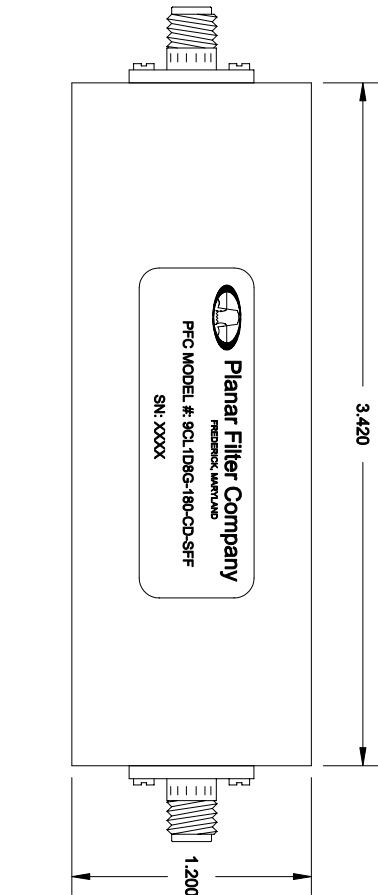
PFC model number 9CL1D8G-180-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: 1.8 GHz
- PASSBAND BANDWIDTH: 180 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 4.0dB
- REJECTION AT 1.6 GHz: 60dB
- REJECTION AT 2.0 GHz: 60dB
- PASSBAND PHASE LINEARITY: 5 DEGREES P-P
- PASSBAND RIPPLE: 0.5dB P-P
- INPUT POWER: +30dBm CW MAX.



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 3.42" (L) x 1.20" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.



ENVIRONMENTAL RATINGS:

- TEMPERATURE: 0°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			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	9/1/04

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 27000513		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
DRAWN JPA/AL/AG/JO	9/1/04	OUTLINE DRAWING	
CHECKED		9CL1D8G-180-CD-SFF	
ISSUED		SIZE A	FSQM NO. 1QJW0
SCALE N/A		DWG NO. 27000513	REV. A