

DESCRIPTION:

PFC model number CL3G-50-CD-SS 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.

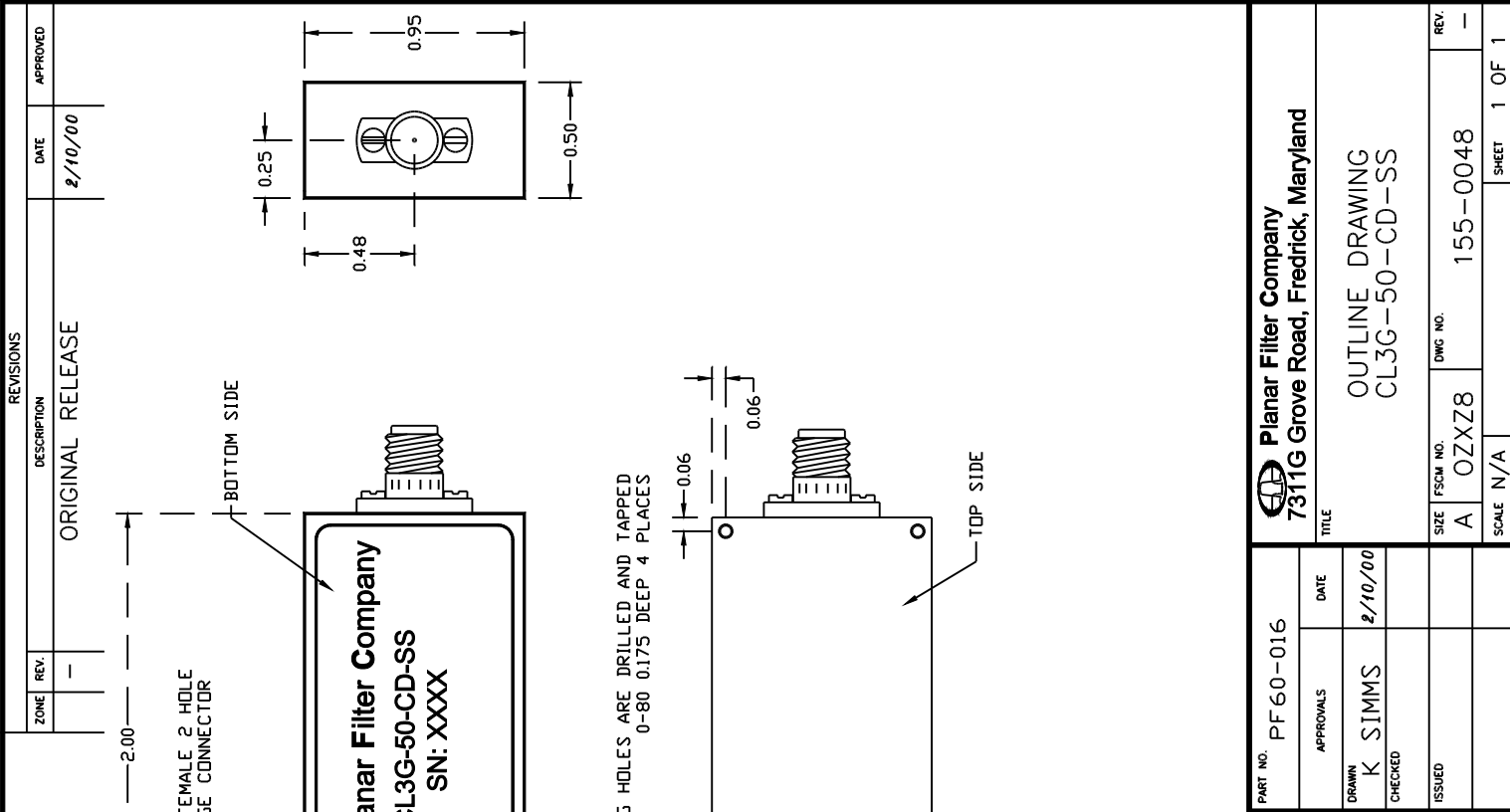
SPECIFICATIONS:

- CENTER FREQUENCY: 3000 MHz
- 3dB BANDWIDTH: 50 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 0.5 dB MAX.
- REJECTION AT 2.8 GHz: 20 dB MIN.
- REJECTION AT 3.2 GHz: 20 dB MIN.
- REJECTION AT 5 TO 7 GHz: 30 dB MIN.
- REJECTION AT 8.4 TO 16.1 GHz: 50 dB MIN.
- AMPLITUDE MATCHING: ±0.15 dB
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.0" (L) x 0.95" (W) x 0.50" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



PART NO. PF 60-016		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS		TITLE	
DRAWN K SIMMS	DATE 2/10/00	OUTLINE DRAWING CL3G-50-CD-SS	
CHECKED			
ISSUED			
SIZE A	FSCM NO. OZXZ8	DWG NO. 155-0048	REV. -
SCALE N/A		SHEET 1	OF 1