

DESCRIPTION:

PFC model number CL12D52-300-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: 12.52 GHz
- 3dB BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= -4 dB MAX.
- REJECTION FROM DC TO 12.22 GHz: -40 dB
- REJECTION FROM 12.82 TO 37.56 GHz: -40 dB

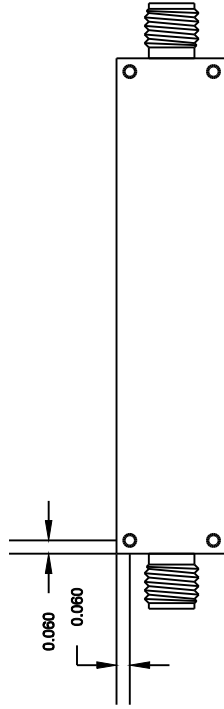
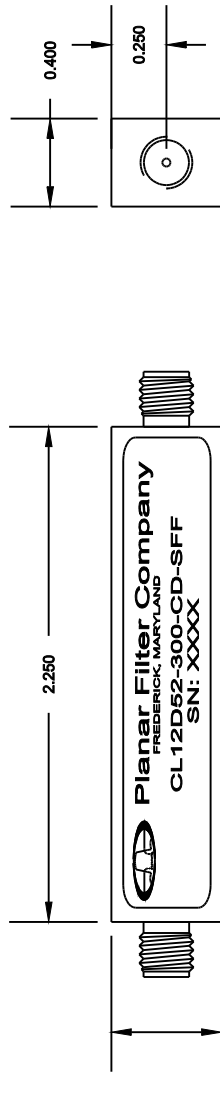
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.00" (L) x 0.40" (W) x 0.40" (H)
- WEIGHT 1 OZ. TYP.

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS		DATE	APPROVED
ZONE	REV.		
	-	6/20/00	
DESCRIPTION			
ORIGINAL RELEASE			



PART NO. PF 60-240		TITLE	
APPROVALS	DATE	Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
DRAWN S. PALACIO	6/20/00	OUTLINE DRAWING CL12D52-300-CD-SFF	
CHECKED		SIZE A	DWG NO. 155-0307
ISSUED		FSCM NO. 1QJWO	REV. -
		SCALE N/A	SHEET 1 OF 1

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