

**DESCRIPTION:**

PFC model number 7CL11D8G-360-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: 11.8 GHz
- PASSBAND BANDWIDTH: 360 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 4dB
- REJECTION @ 11.0 GHz: 60dB
- REJECTION @ 12.6 GHz: 60dB
- PASSBAND PHASE LINEARITY: 5 DEGREES P-P
- PASSBAND RIPPLE: 0.5dB P-P
- INPUT POWER: +30dBm CW MAX.

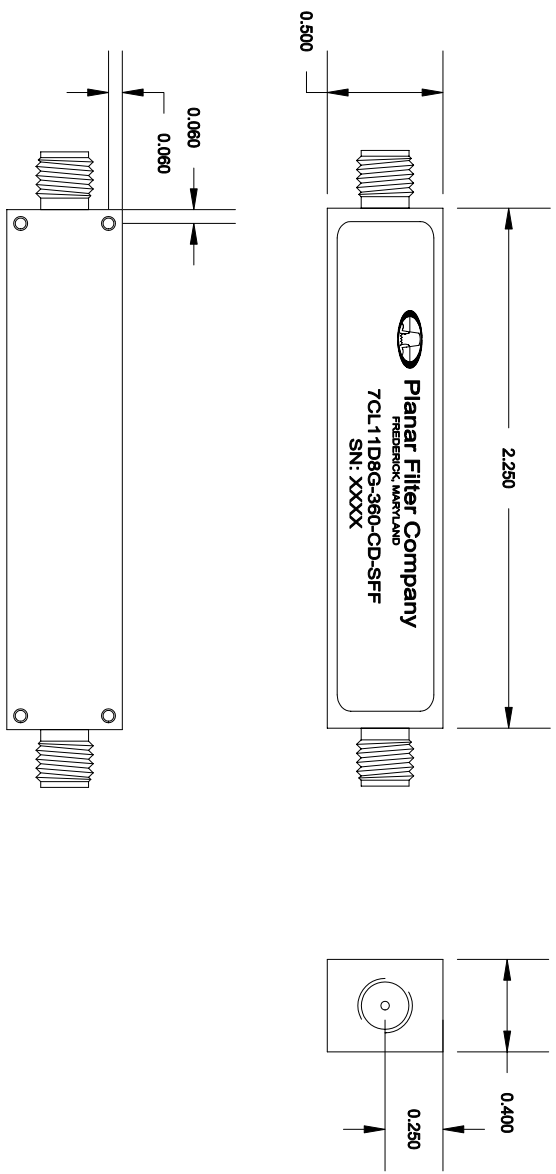
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.25" (L) x 0.40" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.

**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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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



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

PART NO.		TITLE	
APPROVALS		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
DATE	DATE	OUTLINE DRAWING	
6/20/00	6/20/00	7CL11D8G-360-CD-SFF	
DRAWN S. PALACIO	CHECKED	SIZE	FSCM NO.
		A	1QJW0
ISSUED		SCALE	DWG NO.
		N/A	
SHEET 1 OF 1		REV. 1	