

**DESCRIPTION:**

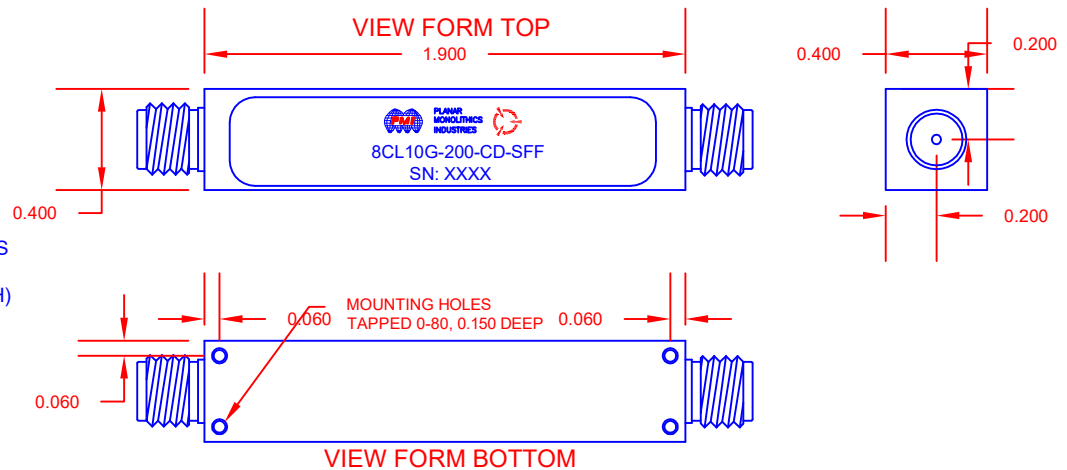
PFC model number 8CL10G-200-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	10/22/02	

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 10 GHz
- 3dB BANDWIDTH: . . . . . 200 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . <= 2 dB MAX.
- REJECTION @ 9.6 GHz: . . . . . 60 dB
- REJECTION @ 10.4 GHz: . . . . . 60 dB


- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 1.90" (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

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.010  
 X.XXX ±0.005

PART NO. 155-1586		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD FREDERICK, MARYLAND			
APPROVALS	DATE	TITLE			
DRAWN S. PALACIO	10/22/02	OUTLINE DRAWING 8CL10G-200-CD-SFF			
CHECKED		SIZE	FSCM NO.	DWG NO.	REV.
ISSUED		A	1QJW0	155-1586	-
		SCALE	N/A	SHEET	1 OF 1

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION