

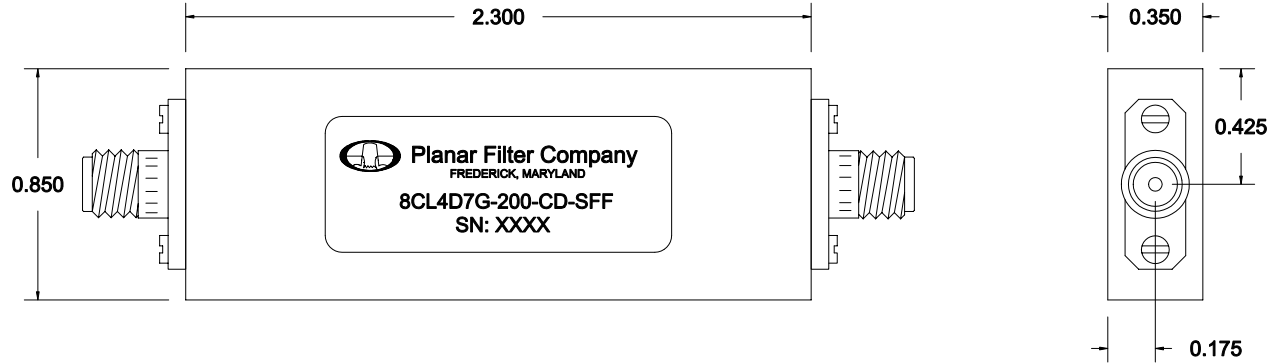
DESCRIPTION:

PFC model number 8CL4D7G-200-CD-SFF is a Compline Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

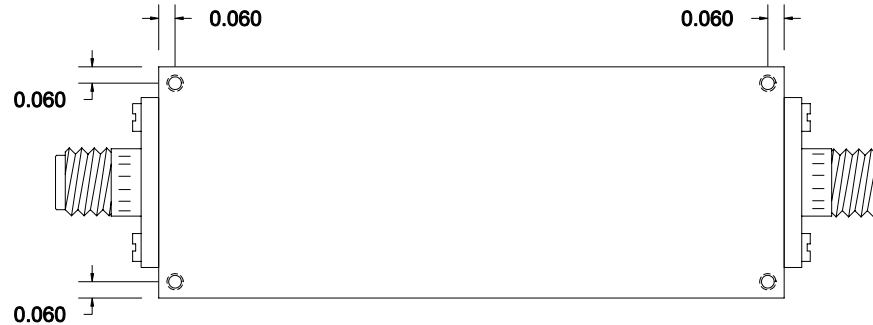
| REVISIONS | | | | |
|-----------|------|------------------|---------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | — | ORIGINAL RELEASE | 9/12/01 | |

SPECIFICATIONS:

- CENTER FREQUENCY: 4700 MHz
- 1dB BANDWIDTH: 200 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): ≤ 0.7 dB MAX.
- REJECTION @ 4900 MHz: -40 dB
- REJECTION @ 4500 MHz: -40 dB
- REJECTION FROM 12000 TO 29000 MHz: -60 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.30" (L) x 0.850" (W) x 0.35" (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. 155-0895 | | Planar Filter Company 7311G Grove Road, Fredrick, Maryland | | |
| APPROVALS | DATE | TITLE | | |
| DRAWN RAB | 9/12/01 | OUTLINE DRAWING 8CL4D7G-200-CD-SFF | | |
| CHECKED | | SIZE A | FSCM NO. 1QJWO | DWG NO. 155-0895 |
| ISSUED | | SCALE N/A | | REV. — |
| | | | SHEET | 1 OF 1 |

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION