

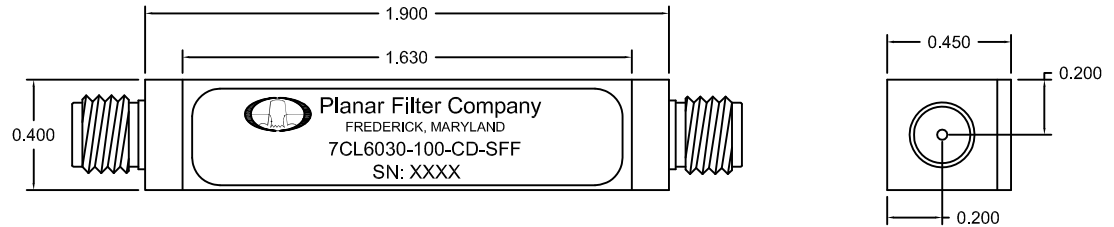
DESCRIPTION:

PFC model number 7CL6030-100-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.

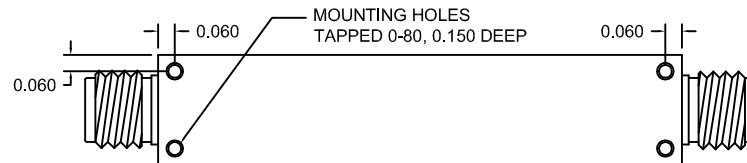
| REVISIONS | | | | |
|-----------|------|------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | - | ORIGINAL RELEASE | 10/19/05 | |
| | | | | |

SPECIFICATIONS:

- CENTER FREQUENCY: 6030 MHz
- 1dB BANDWIDTH: 100 MHz MIN.
- VSWR: 1.5:1 MAX.
- INSERTION LOSS (Fo) 2.15dB MAX.
- REJECTION @ 5760 MHz: 70dBc
- REJECTION @ 6300 MHz: 40dBc



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.90" (L) x 0.40" (W) x 0.45" (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

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

CONFIDENTIAL AND PROPRIETARY

| | | | | |
|----------------------------|----------|--|----------|--------------|
| PART NO. | |  Planar Filter Company 7311G Grove Road, Fredrick, Maryland | | |
| APPROVALS | DATE | TITLE | | |
| DRAWN <i>S. PALABJO</i> | 10/19/04 | PRODUCT FEATURE 7CL6030-100-CD-SFF | | |
| CHECKED | | SIZE | FSCM NO. | DWG NO. |
| ISSUED | | A | 1QJWO | 27001541 |
| | | SCALE | N/S | SHEET 1 of 1 |
| | | | | REV. - |