

DESCRIPTION:

PFC model number 8CL6D5G-200-CD-SFF is a Combine Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

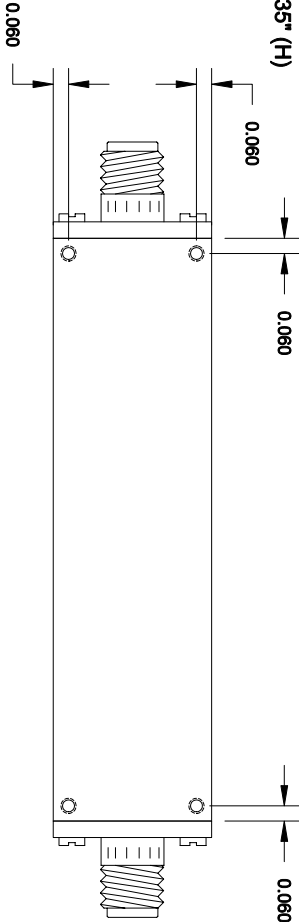
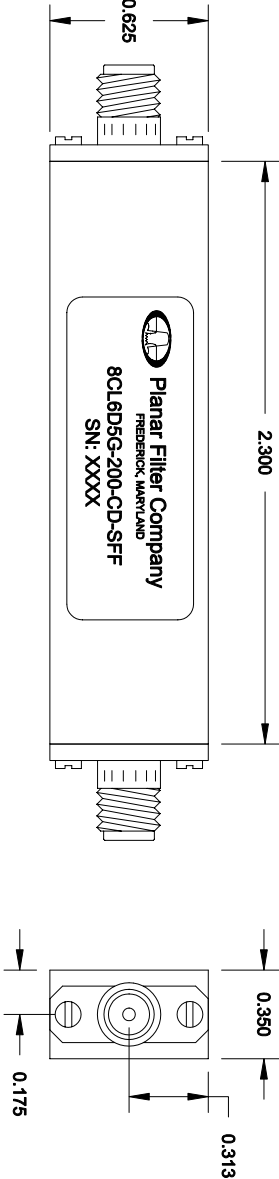
- CENTER FREQUENCY: 6500 MHz
- 3dB BANDWIDTH: 200 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): < 2 dB MAX.
- REJECTION @ 6300 MHz: -40 dB
- REJECTION @ 6700 MHz: -40 dB
- REJECTION FROM 6800 TO 15500 MHz: -60 dB

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.30" (L) x 0.625" (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

| REVISIONS |      |                  |         |
|-----------|------|------------------|---------|
| ZONE      | REV. | DESCRIPTION      | DATE    |
|           | —    | ORIGINAL RELEASE | 9/11/01 |



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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

|                      |         |                                                               |  |
|----------------------|---------|---------------------------------------------------------------|--|
| PART NO.<br>155-0902 |         | Planar Filter Company<br>7311G Grove Road, Fredrick, Maryland |  |
| APPROVALS            | DATE    | TITLE<br>OUTLINE DRAWING<br>8CL6D5G-200-CD-SFF                |  |
| DRAWN<br>S PALACIO   | 9/11/01 | SIZE FSCM NO. DWG NO. 155-0902                                |  |
| CHECKED              |         | SCALE N/A                                                     |  |
| ISSUED               |         | SHEET 1 OF 1                                                  |  |