

DESCRIPTION:

PFC model number 100C15D1G-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: . . . . . 15100
- 1dB BANDWIDTH: . . . . . 200 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX
- INSERTION LOSS (PASSBAND) . . . . . < 5 dB MAX.
- REJECTION @ 14900MHz . . . . . -40 dB
- REJECTION @ 15300MHz . . . . . -40 dB

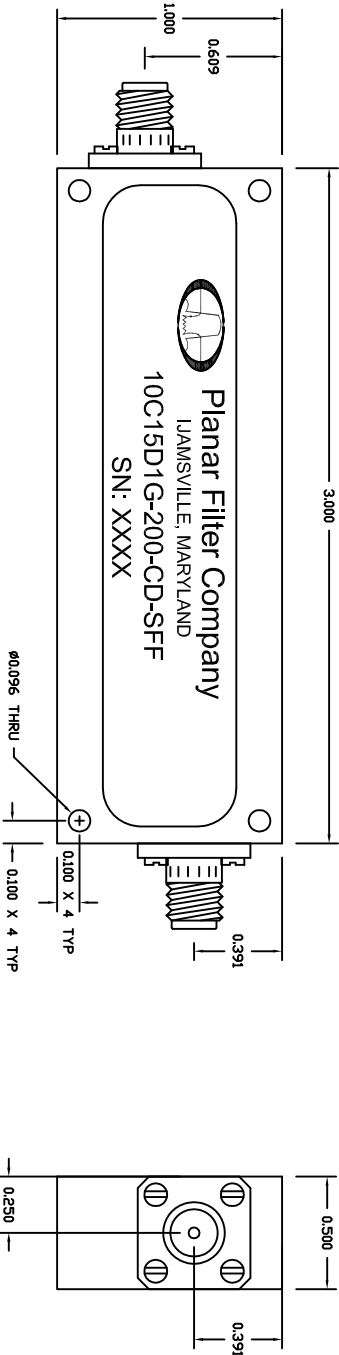
- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 3.00" (L) x 1.00" (W) x 0.50" (H)
- WEIGHT . . . . . 1 OZ. TYP.

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

| REVISIONS |      |                  |         |
|-----------|------|------------------|---------|
| ZONE      | REV. | DESCRIPTION      | DATE    |
|           | —    | ORIGINAL RELEASE | 7/24/02 |
|           |      |                  |         |



|                      |         |                                                               |                     |
|----------------------|---------|---------------------------------------------------------------|---------------------|
| PART NO.<br>155-1545 |         | Planar Filter Company<br>7311G Grove Road, Fredrick, Maryland |                     |
| APPROVALS            | DATE    | TITLE                                                         |                     |
| DRAWN<br>S PALACIO   | 7/24/02 | OUTLINE DRAWING<br>100C15D1G-200-CD-SFF                       |                     |
| CHECKED              |         |                                                               |                     |
| ISSUED               |         | SIZE FSQM NO.<br>A 1QJWO                                      | DWG NO.<br>155-1545 |
|                      |         | SCALE N/A                                                     | SHEET 1 OF 1        |