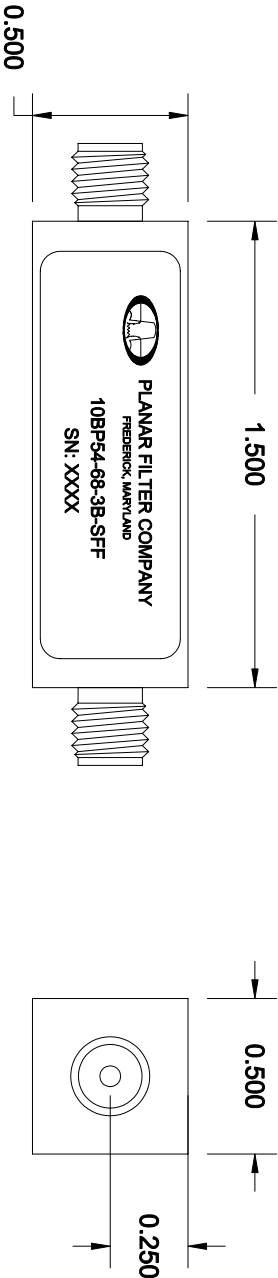


DESCRIPTION:

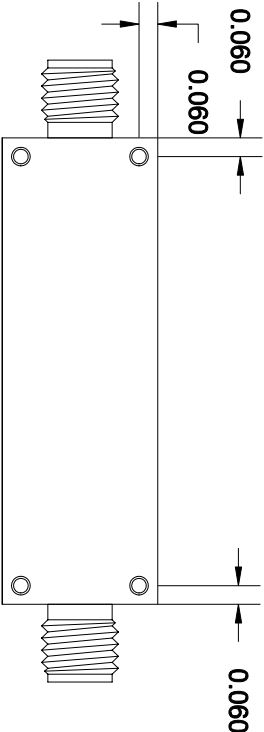
PFC model number 10BP54-68-3B-SFF is a LC Bandpass filter with SMA Connectors.  
connectors in and out.

SPECIFICATIONS:

- CENTER FREQUENCY: 54MHz
- 1dB BANDWIDTH: 20-88MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): -0.5 dB
- REJECTION @ 10-100 MHz: -50dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.50" (L) x 0.50" (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 | 8/14/02 |

|                      |         |                                                               |                 |
|----------------------|---------|---------------------------------------------------------------|-----------------|
| PART NO.<br>155-1564 |         | Planar Filter Company<br>7311G Grove Road, Fredrick, Maryland |                 |
| APPROVALS            | DATE    | TITLE<br>OUTLINE DRAWING<br>10BP54-68-3B-SFF                  |                 |
| DRAWN<br>K.PAU       | 8/14/02 | SIZE<br>A                                                     | REV.<br>—       |
| CHECKED              |         | SCALE<br>N/A                                                  |                 |
| ISSUED               |         | DWG NO.<br>155-1564                                           | SHEET<br>1 OF 1 |

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