

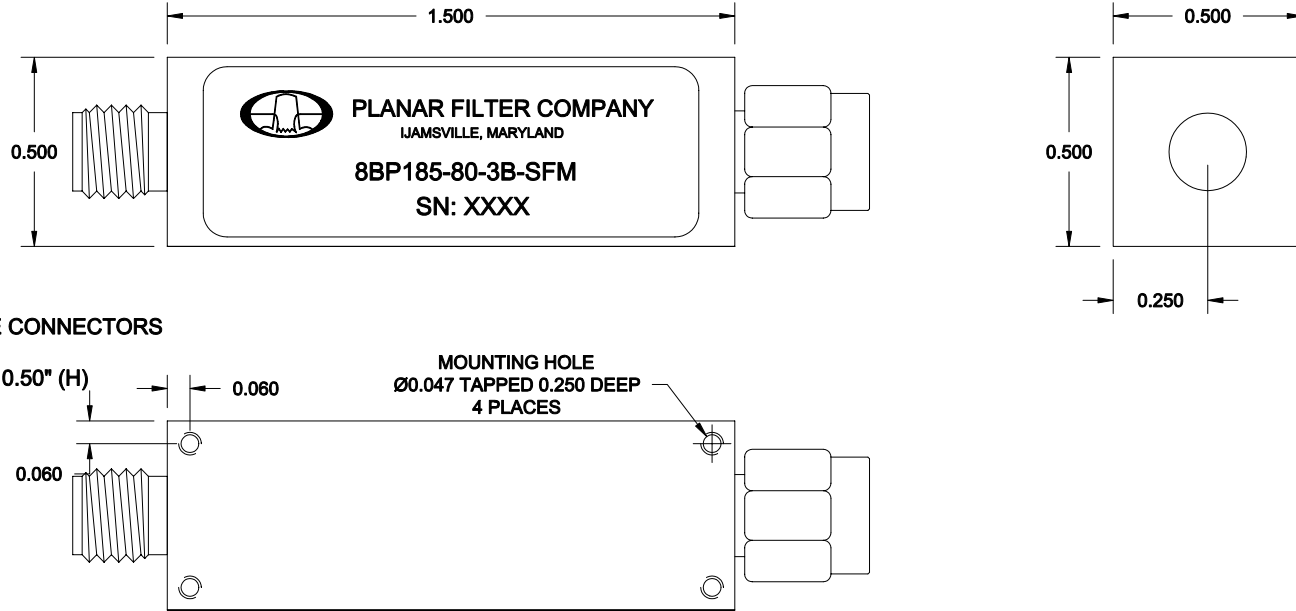
DESCRIPTION:

PFC model number 8BP185-80-3B-SFM is a LC Bandpass filter with SMA connectors in and out.

| REVISIONS | | | | |
|-----------|------|------------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | - | ORIGINAL RELEASE | 01/07/02 | |

SPECIFICATIONS:

- CENTER FREQUENCY: 185 MHz
- 3dB BANDWIDTH: 80 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= 2.5 dB
- REJECTION 6 POLE RESPONSE
- CONNECTORS: SMA FEMALE / MALE 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

CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

| | | | |
|-------------------|----------|--|----------------|
| PART NO. 155-1103 | | Planar Filter Company 7311G Grove Road, Fredrick, Maryland | |
| APPROVALS | DATE | TITLE | |
| DRAWN <i>RAB</i> | 01/07/02 | PRODUCT FEATURE 8BP185-80-3B-SFM | |
| CHECKED | | SIZE A | FSCM NO. 1QJWO |
| ISSUED | | DWG NO. 155-1103 | REV. - |
| | | SCALE N/S | SHEET 1 of 1 |