

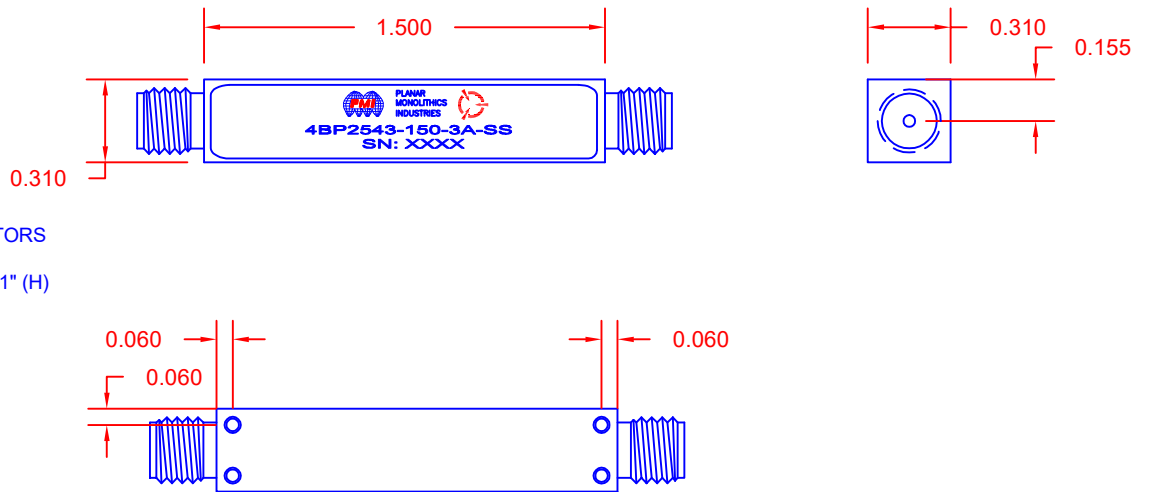
**DESCRIPTION:**

PMI model number 4BP2543-150-3A-SS is a LC Bandpass filter with SMA female connectors in and out.

| REVISIONS |      |                  |         |          |
|-----------|------|------------------|---------|----------|
| ZONE      | REV. | DESCRIPTION      | DATE    | APPROVED |
|           | -    | ORIGINAL RELEASE | 6/19/00 |          |

**SPECIFICATIONS:**

- CENTER FREQUENCY: . . . . . 2543 MHz
- 3dB BANDWIDTH: . . . . . 150 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) . . . . . -1.8 dB
- REJECTION FROM 0 TO 1275 MHz: . . . . . -65 dB
- REJECTION FROM 3780 TO 10600 MHz: . . . . . -65 dB




- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 1.50" (L) x 0.31" (W) x 0.31" (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

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

|                   |         |   |          |
|-------------------|---------|---|----------|
| PART NO. PF60-177 |         |  PLANAR MONOLITHICS INDUSTRIES<br>7311-F GROVE RD<br>FREDERICK, MARYLAND |          |
| APPROVALS         | DATE    | TITLE   |          |
| S. PALACIO        | 6/19/00 | OUTLINE DRAWING<br>4BP2543-150-3A-SS  |          |
| DRAWN             | CHECKED | SIZE  | FSCM NO. |
|                   |         | A   | 1QJWO    |
| ISSUED            |         | DWG NO.   | REV.     |
|                   |         | 155-0240  | -        |
|                   |         | SCALE   | SHEET    |
|                   |         | N/A   | 1 OF 1   |

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION