

DESCRIPTION:

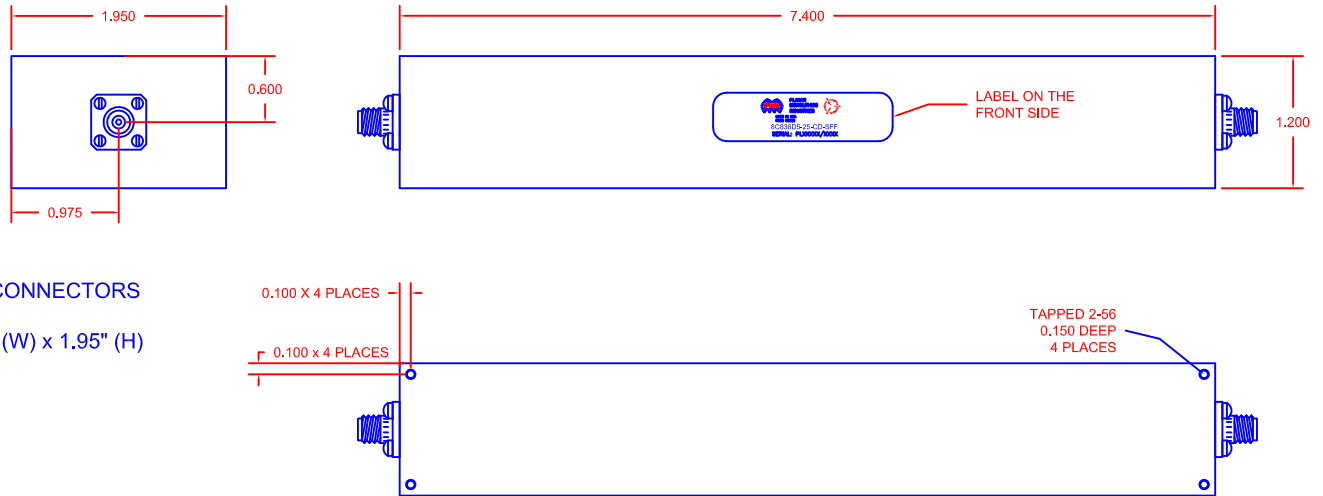
PFC model number 8C836D5-25-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

| REVISIONS | | | | |
|-----------|------|-------------|--------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | - | PRELIMINARY | 3/3/20 | |
| | | | | |

SPECIFICATIONS:

- CENTER FREQUENCY: 836.5 MHz
- 3dB BANDWIDTH: 25 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 1.2 dB MAX.
- REJECTION 8 POLE RESPONSE

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 7.40" (L) x 1.20" (W) x 1.95" (H)
- WEIGHT: 1 OZ. TYP.




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

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

| | | | | |
|---------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|
| PART NO. | |  PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND | | |
| APPROVALS | DATE | TITLE | | |
| DRAWN S. PALACIO | 1/21/09 | OUTLINE DRAWING 8C836D5-25-CD-SFF | | |
| REDRAWN CW | 3/3/20 | | | |
| ISSUED | | SIZE A | FSCM NO. 1QJW0 | DWG NO. PRELIMINARY |
| | | SCALE N/A | | REV. - |
| | | | | SHEET 1 OF 1 |