

DESCRIPTION:

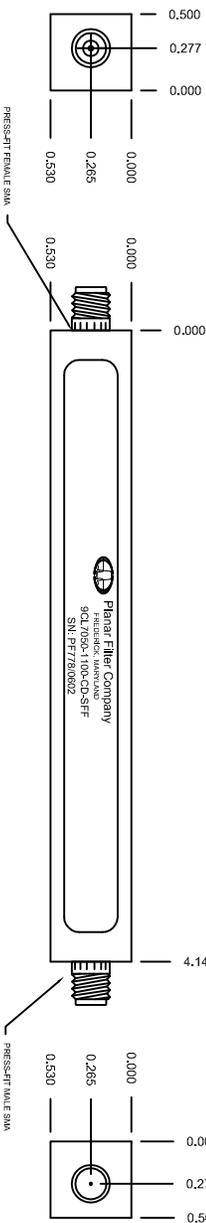
PFC model number 9CL7050-1100-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS

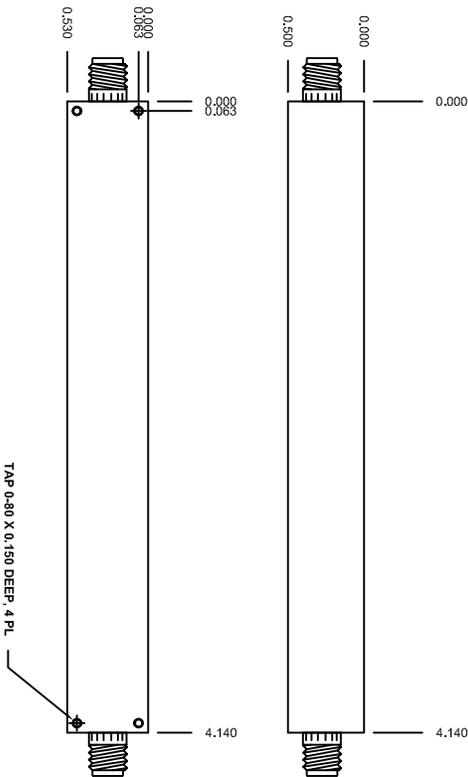
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
|------|------|------------------|----------|----------|
| | — | ORIGINAL RELEASE | 10/14/05 | |

SPECIFICATIONS:

- CENTER FREQUENCY: 7050 MHZ
- 0.5 PASSBAND 800 MHz typical
- VSWR IN THE PASS BAND: 1.5:1 TYP. MAX.
- INSERTION LOSS (PASSBAND) 1dB MAX.
- REJECTION @ 8400 MHZ: 65dBc
- REJECTION @ 6000 MHZ: 45dBc



- CONNECTORS: SMA-FEMALE
- SIZE 4.140" (L) x 0.53" (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

| | | | |
|--|------------------|--|----------------------|
| <p>Planar Filter Company 5715 Industry Lane, Unit 11 Frederick, Maryland</p> | | <p>PRODUCT FEATURE 9CL7050-1100-CD-SFF</p> | |
| <p>PART NO.</p> | <p>APPROVALS</p> | <p>DATE</p> | <p>TITLE</p> |
| <p>DRAWN</p> | <p>CHECKED</p> | <p>ISSUED</p> | <p>SIZE FSOB NO.</p> |
| <p>10/14/05</p> | <p>YJP</p> | <p>A</p> | <p>1QJWO</p> |
| <p>27001721</p> | <p>DWG NO.</p> | <p>SCALE</p> | <p>N/S</p> |
| <p>1 of 1</p> | <p>SHEET</p> | <p>REV.</p> | <p>—</p> |

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