

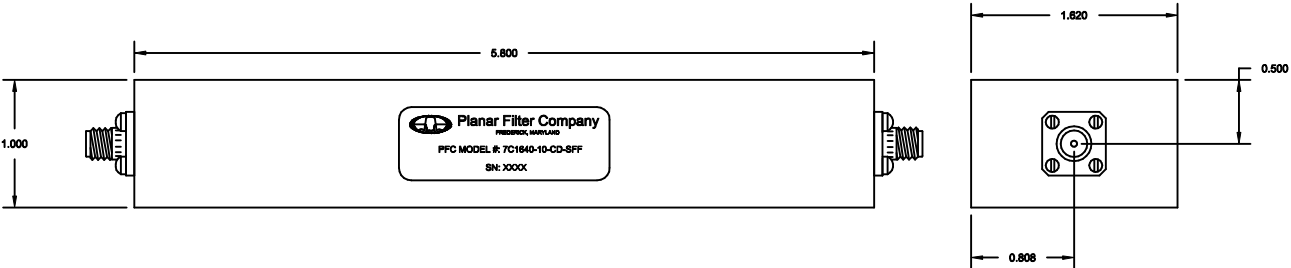
DESCRIPTION:

PFC model number 7C1640-10-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.

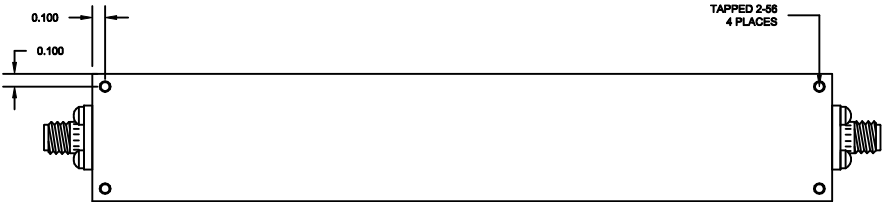
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	10/22/02

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 1640 MHz
- 3dB BANDWIDTH: · · · · · 10 MHz min.
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 4.7 dB MAX.
- REJECTION @ 1620 MHz: · · · · · -60 dB
- REJECTION @ 1660 MHz: · · · · · -60 dB



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 5.80" (L) x 1.00" (W) x 1.62" (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:
XXX ±0.010
XXXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-1585		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS		DATE	
DRAWN S. PALACIO		10/22/02	
CHECKED			
ISSUED			
TITLE		OUTLINE DRAWING 7C1640-10-CD-SFF	
SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155-1585	—
SCALE N/A		SHEET 1 OF 1	