

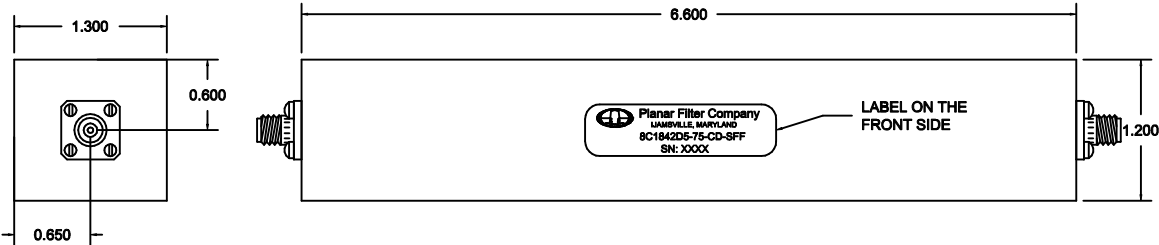
DESCRIPTION:

PFC model number 8C1842D5-75-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.

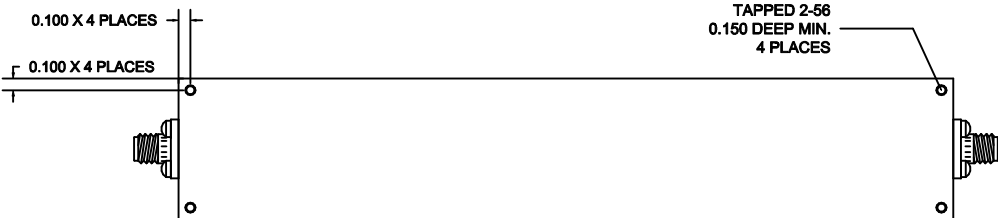
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	1/21/03

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 1842.5 MHz
- 3dB BANDWIDTH: · · · · · 75 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 1.5 dB MAX.
- REJECTION 8 POLE RESPONSE



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 6.60" (L) x 1.20" (W) x 1.30" (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. 155-1600		Planar Filter Company 7311G Grove Road, Fredrick, Maryland		
APPROVALS		DATE		
DRAWN S. PALACIO		1/21/03		
CHECKED				
ISSUED				
		TITLE OUTLINE DRAWING 8C1842D5-75-CD-SFF		
SIZE A		FSCM NO. 1QJW0	DWG NO. 155-1600	REV. —
SCALE N/A		SHEET 1 OF 1		