

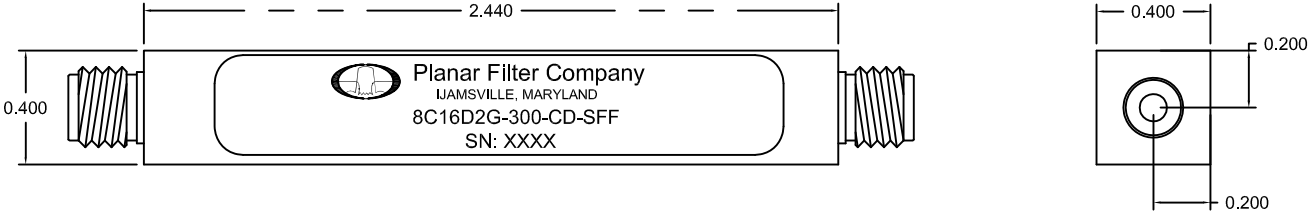
DESCRIPTION:

PFC model number 8C16D2G-300-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.

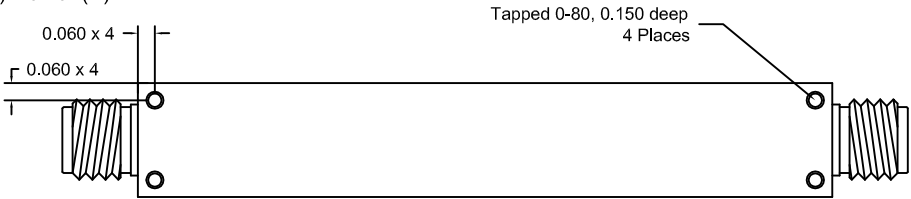
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	11/13/02	

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 16200 MHz
- 3dB BANDWIDTH: · · · · · 300 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · <= 3dB MAX.
- REJECTION +/-600 MHz FROM FO · · · · · 80 dB



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 2.44" (L) x 0.40" (W) x 0.40" (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

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

PART NO. 155-1598		 Planar Filter Company 7311G Grove Road, Fredrick, Maryland		
APPROVALS		DATE	TITLE	
DRAWN S. PALABO		11/13/02	PRODUCT FEATURE 8C16D2G-300-CD-SFF	
CHECKED				
ISSUED			SIZE A	FSCM NO. 1QJWO
			DWG NO. 155-1598	REV. —
SCALE N/S			SHEET 1 of 1	