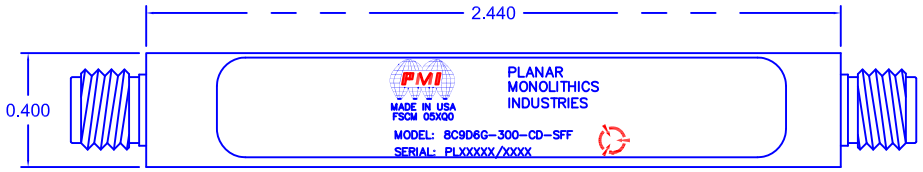
DESCRIPTION:

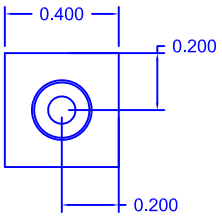
PFC model number 8C9D6G-300-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

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

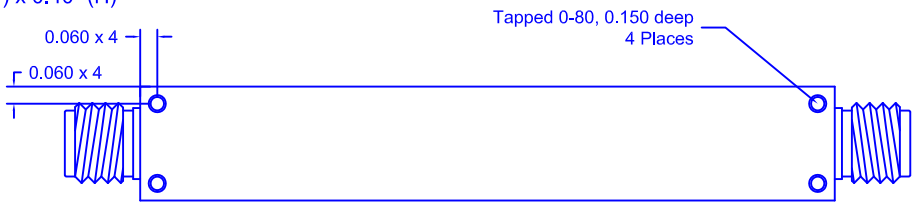
SPECIFICATIONS:

- CENTER FREQUENCY: . . . . . 9600 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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

CONFIDENTIAL AND PROPRIETARY

PART NO. 155–1606	
APPROVALS	DATE
DRAWN S. PALACIO	11/13/02
CHECKED	
ISSUED	

Planar Monolithics Industries
7311-F Grove Road, Fredrick, Maryland

TITLE
PRODUCT FEATURE
8C9D6G–300–CD–SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155–1606	–
SCALE N/S		SHEET 1 of 1	