

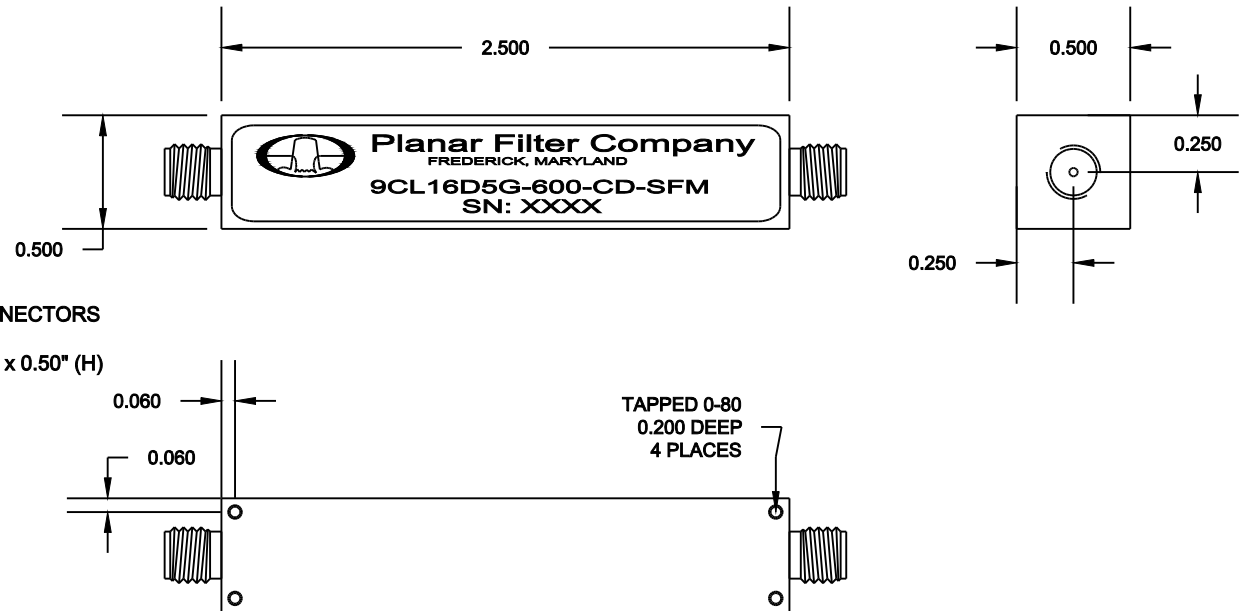
DESCRIPTION:

PFC model number 8CL16D2G-2D6G-CD-SFM 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	9/12/00	

SPECIFICATIONS:

- CENTER FREQUENCY: 16.5 GHz
- 3dB BANDWIDTH: 600 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- GROUP DELAY: +/- 1 NSEC. Desing Goal
+/- 2 NSEC. Max
- INSERTION LOSS (PASSBAND) : <= -4 dB MAX.
- REJECTION @ 15.7 GHz: -40 dB
- REJECTION @ 17.3 GHz: -40 dB
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.50" (L) x 0.50" (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

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.010
XXXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 155-0404		Planar Filter Company 7311G Grove Road, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	9/12/00	OUTLINE DRAWING 9CL16D5G-600-CD-SFM		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	1QJWO	155-0404
		SCALE	N/A	SHEET 1 OF 1
				REV. -