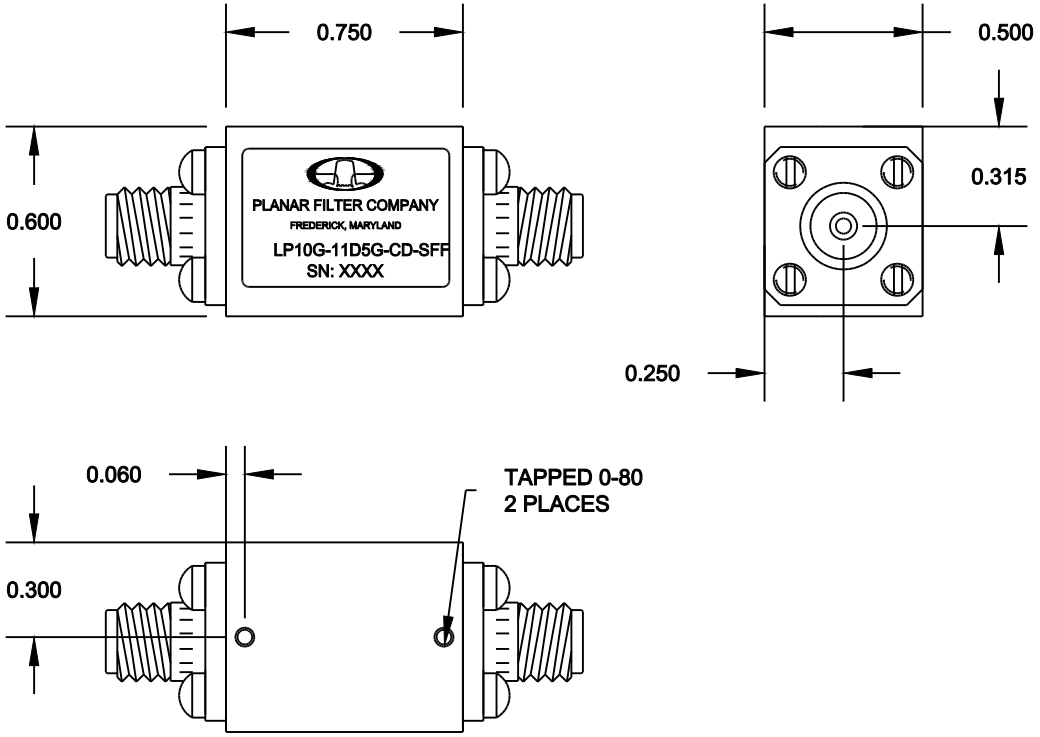
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	ORIGINAL RELEASE	27/12/00	
	A	CHANGE SPECIFICATIONS	7/6/01	

DESCRIPTION:

PFC model number LP10G-11D5G-CD-SFF is a Suspended Substrate Lowpass filter with SMA female connectors in/ out. Offers very high Q with broadband performance in a silver plated CNC machined housing. This unit has very low loss and is ideal for eliminating broadband harmonics.

SPECIFICATIONS:

- PASSBAND: 10000 MHz
- 3dB BANDWIDTH: 10500 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) -2 dB
- REJECTION AT 11.5 GHz: -25 dB MIN.
- REJECTION FROM 13 TO 20 GHz: -60 dB MIN.



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 0.75" (L) x 0.50" (W) x 0.60" (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

PART NO. 246-0532	
APPROVALS	DATE
DRAWN S PALACIO	27/12/00
CHECKED	
ISSUED	

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
LP10G-11D5G-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155-0532	A

SCALE N/A SHEET 1 OF 1