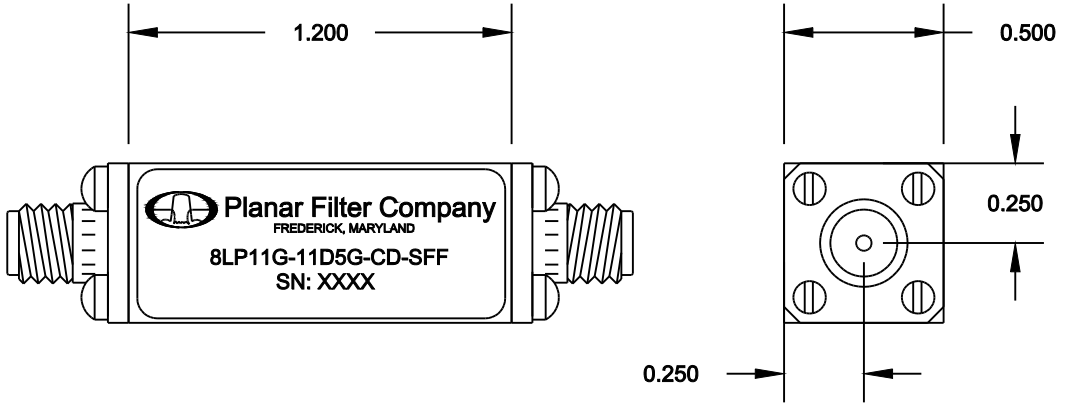
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	ORIGINAL RELEASE	6/4/01	
	A	CHANGE SPECIFICATIONS	7/6/01	

DESCRIPTION:

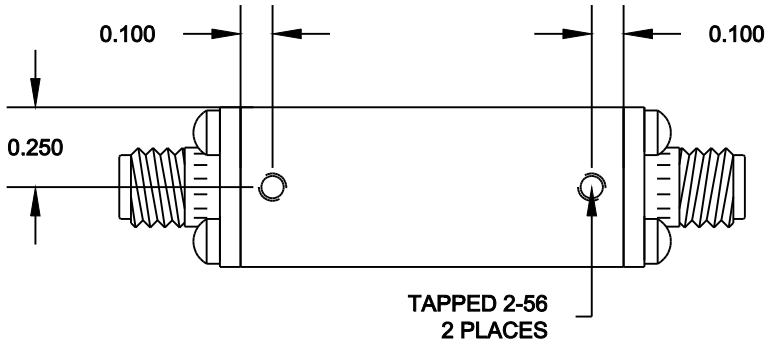
PFC model number 8LP11G-11D5G-CD-SFF is a Microstrip Lowpass filter with SMA female connectors in/ out.
Offers very high Q with broadband performance in a silver plated CNC machined housing.
This unit has very low loss and is ideal for eliminating broadband harmonics.

SPECIFICATIONS:

- PASSBAND: 11000 MHz
- 3dB BANDWIDTH: 11100MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 2.0 MAX.
- REJECTION AT 11.5 GHz: -15 dB MIN.
- REJECTION FROM 12.2 TO 18 GHz: -70 dB MIN.



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.20" (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

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. 155-0746	
APPROVALS	DATE
DRAWN S PALACIO	6/4/01
CHECKED	
ISSUED	

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
8LP11G-11D5G-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155-0746	A

SCALE N/A SHEET 1 OF 1