

DESCRIPTION:

PFC model number 8LP3G-3D1G-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:

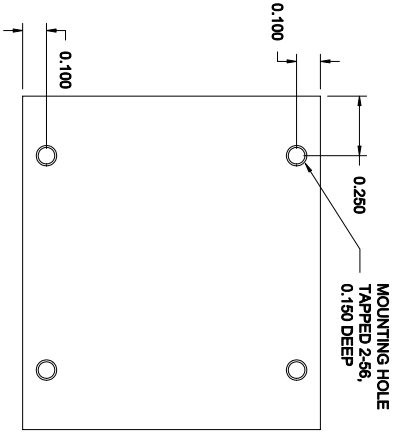
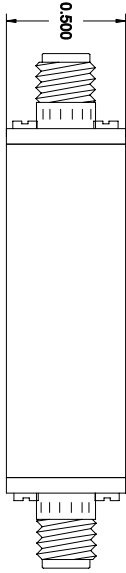
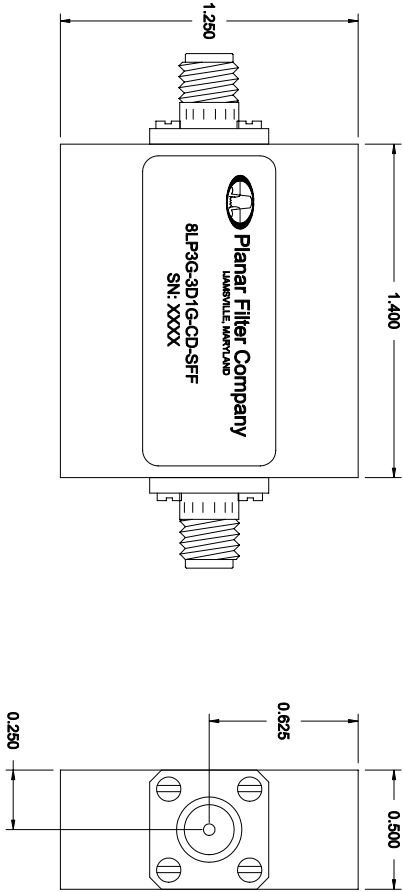
- PASSBAND: 3000 MHz
- 3dB BANDWIDTH: 3100 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) -1.5 dB
- REJECTION 5 POLE RESPONSE
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.40" (L) x 1.25" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.

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

REVISIONS			DESCRIPTION	DATE	APPROVED
ZONE	REV.				
	—		ORIGINAL RELEASE	01/10/02	



CONFIDENTIAL AND PROPRIETARY

PART NO.	155-1107	Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
DRAWN R.A.B.	01/10/02	PRODUCT FEATURE 8LP3G-3D1G-CD-SFF	
CHECKED			
ISSUED			
SIZE	FSCM NO.	DWG NO.	REV.
A	1QJWO	155-1107	—
SCALE	N/S	SHEET	1 of 1

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