

DESCRIPTION:

PFC model number LP13G-13D65-CD-SFF is a Lowpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- PASSBAND: 13 GHz
- CUTOFF: 13.65 GHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): <-2.6 dB MAX.
- REJECTION @ 16 GHz: -46 dB
- REJECTION @ 18 GHz: -65 dB
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.10" (L) x 0.30" (W) x 0.66" (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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	4/11/00	

Technical drawing of the LP13G-13D65-CD-SFF filter. The drawing includes a top view and a side view. The top view shows a rectangular component with two SMA female connectors. Dimensions are indicated: a length of 1.100, a width of 0.660, a distance of 0.300 from the left edge to the center of the first connector, a distance of 0.330 between the centers of the two connectors, and a distance of 0.150 from the center of the second connector to the right edge. The side view shows the component's profile with a height of 0.075.

PART NO. PF60-098

APPROVALS

DRAWN S PALACIO

CHECKED

ISSUED

DATE 4/11/00

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
LP13G-13D65-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	OZXZ8	155-0147	-

SCALE N/A SHEET 1 OF 1

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