

DESCRIPTION:

PFC model number 6BP87-30-CD-SFF is a LC Bandpass filter with SMA connectors in and out.

SPECIFICATIONS:

- CENTER FREQUENCY: 87 MHz
- 3dB BANDWIDTH: 30 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= -2 dB
- REJECTION 6 POLE RESPONSE

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.50" (L) x 0.50" (W) x 0.40" (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	8/29/00	

Technical drawing of the 6BP87-30-CD-SFF filter. The top view shows a rectangular component with a length of 1.500 inches and a width of 0.400 inches. The side view shows a height of 0.250 inches. The drawing includes a label with the Planar Filter Company logo, model number 6BP87-30-CD-SFF, and serial number SN: XXXX. Dimensions are given in inches. The drawing also shows the SMA female connectors and the 0-80 tapped 4 places.

PART NO. PF60-318

APPROVALS

DATE

DRAWN

S. PALACIO

8/29/00

CHECKED

ISSUED

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
6BP87-30-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	155-0398	-

SCALE N/A

SHEET 1 OF 1

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