

DESCRIPTION:

PFC model number CL3G-20-CD-SS is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: 3100 MHz
- 3dB BANDWIDTH: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 0.5 dB MAX.
- REJECTION @ 3.120 GHz: 10 dB
- REJECTION @ 3.140 GHz: 20 dB
- REJECTION @ 3.180 GHz: 30 dB
- REJECTION @ 3.260 GHz: 40 dB
- REJECTION @ 8.4 TO 16.1 GHz: 50 dB
- AMPLITUDE MATCHING: ± 0.15 dB

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.90" (L) x 0.60" (W) x 0.75" (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	6/20/00	

Top View Dimensions: Overall length 2.900, distance from left edge to center of SMA connector 0.750, distance from center of SMA connector to right edge 0.600, distance from center of SMA connector to center of SMA connector 0.375, distance from center of SMA connector to right edge of filter body 0.300.

Side View Dimensions: Overall height 0.750, distance from bottom edge to center of SMA connector 0.060, distance from center of SMA connector to top edge of filter body 0.060, distance from center of SMA connector to top edge of filter body 0.060, distance from center of SMA connector to top edge of filter body 0.060.

Labels: Planar Filter Company, FREDRICK, MARYLAND, CL3G-20-CD-SS, SN: XXXX

Annotations: TAPPED 0-80, 0.200 DEEP, 4 PLACES

PART NO. PF 60-019

APPROVALS

DATE

DRAWN

S. PALACIO

6/20/00

CHECKED

ISSUED

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE

OUTLINE DRAWING
CL3G-20-CD-SS

SIZE

FSCM NO.

DWG NO.

REV.

A

1QJWO

155-0061

-

SCALE

N/A

SHEET

1 OF 1

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.010

X.XXX ±0.005