

DESCRIPTION:

PFC model number 8CL16D9G-2D2G-CD-SFF 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: 16.9 GHz
- 3dB BANDWIDTH: 2200 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): <= 1.5 dB MAX.
- REJECTION @ 15.8 GHz: <= -50 dB

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.70" (L) x 0.625" (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	4/9/01	

PART NO. 155-0674

APPROVALS

DATE

DRAWN S. PALACIO

CHECKED

ISSUED

4/9/01

Planar Filter Company
7311G Grove Road, Fredrick, Maryland

TITLE
OUTLINE DRAWING
8CL16D9-2D2G-CD-SFF

SIZE A FSCM NO. 1QJWO DWG NO. 155-0674 REV. -

SCALE N/A SHEET 1 OF 1

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

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