

DESCRIPTION:

PFC model number 8CL4D9G-270-CD-SFF is a Combine Bandpass 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: · · · · · 4900 MHz ± 200 MHz
- 1dB BANDWIDTH: · · · · · 270 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · ≤ 3 dB MAX.
- REJECTION @ 5225 MHz · · · · · -50 dB
- REJECTION @ 4550 MHz · · · · · -50 dB

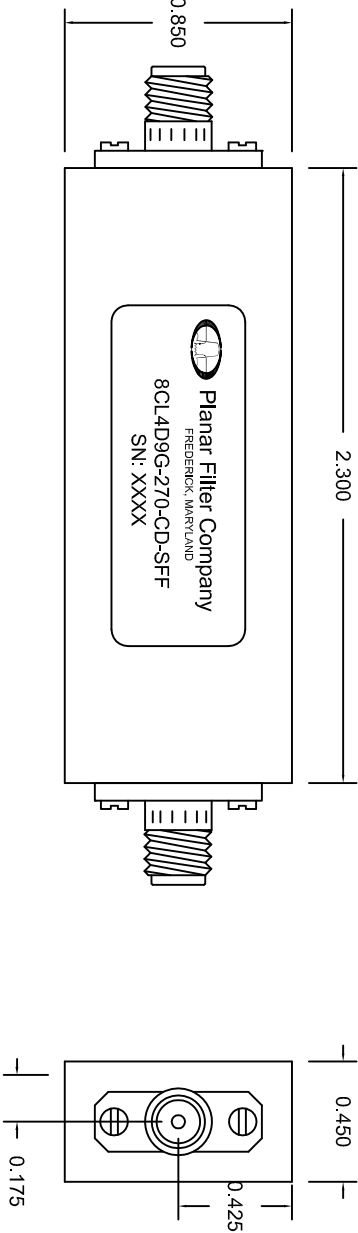
- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 2.30" (L) x 0.850" (W) x 0.45" (H)
- WEIGHT · · · · · 1 OZ. TYP.

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
	—	ORIGINAL RELEASE	9/12/01



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

PART NO. 27300470		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS		TITLE	
DRAWN RAB	DATE 9/12/01	OUTLINE DRAWING 8CL4D9G-270-CD-SFF	
CHECKED		SIZE FSCM NO.	
ISSUED		DWG NO. 27300470	REV. —
SCALE N/A		SHEET 1	OF 1