

PFC model number 8CL1800-100-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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	11/1/02	
	A	UPDATE	1/20/10	

- CENTER FREQUENCY: 1800 MHz
- 3dB BANDWIDTH: 100 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) \leq 1.5 dB MAX.
- REJECTION @ 1640 MHz: 60 dB
- REJECTION @ 2000 MHz: 60 dB

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.70" (L) x 1.20" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.

- 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

FIG. 1

Planar Filter Company
JAMESVILLE, MARYLAND
8CL1800-100-CD-SFF
SN: XXXX

1.200

2.700

0.250


0.500

4 x 2-5/8 TAPPED HOLE
0.150 DEEP

0.600

0.250

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PART NO.		 Planar Filter Company 7311G Grove Road, Fredrick, Maryland			
APPROVALS	DATE	TITLE			
DRAWN J. J. A. G. S. C.	11/1/02	PRODUCT FEATURE 8CL1800-100-CD-SFF			
CHECKED		SIZE FSCM NO. A 1QJWO		DWG NO. 155-1593	
ISSUED		REV. A			
SCALE N/S		SHEET 1 of 1			