

DESCRIPTION:

PFC model number CL16D54-300-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: 16.54 GHz
- 3dB BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= -4 dB MAX.
- REJECTION FROM DC TO 16.24 GHz: -40 dB
- REJECTION FROM 16.84 TO 40 GHz: -40 dB

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.025" (L) x 0.40" (W) x 0.50" (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	6/20/00

PART NO. PF60-244		Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
DRAWN S. PALACIO	6/20/00	OUTLINE DRAWING CL16D54-300-CD-SFF	
CHECKED			
ISSUED			
SIZE A	FSCM NO. 1QJWO	DWG NO. 155-0311	REV. -
SCALE N/A		SHEET 1 OF 1	

Planar Filter Company
FREDRICK, MARYLAND
CL16D54-300-CD-SFF
SN: XXXX

0.500
2.250
0.400
0.060