

DESCRIPTION:

PFC model number 12CL1D5G-400-CD-SFM is a Cavity filter with SMA 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	1/12/05	

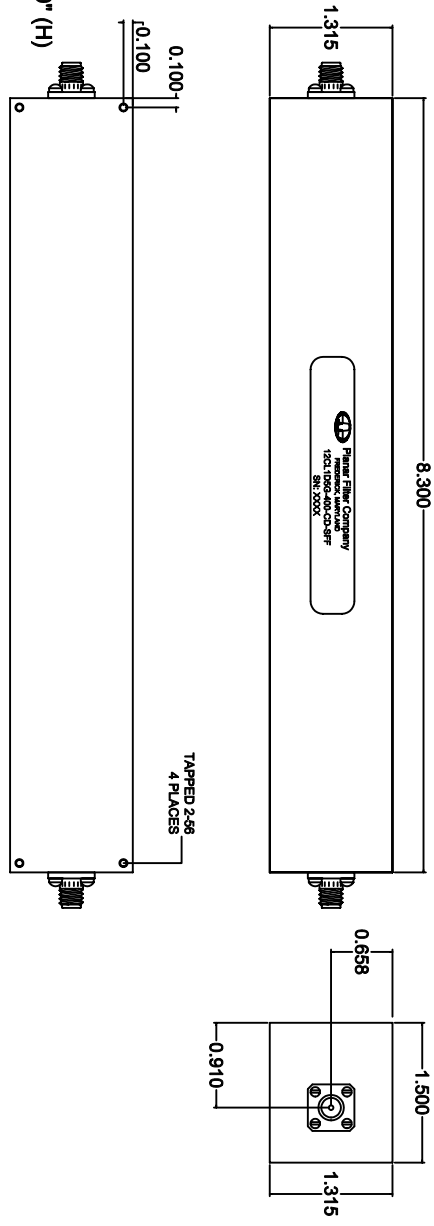
SPECIFICATIONS:

- CENTER FREQUENCY: 1500 MHz
- 1dB BANDWIDTH: 400 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 0.75dB GOAL.
- REJECTION: 80dBc @ 1810 GHz
80dBc @ 1100 MHz
- RIPPLE 0.5 dB

- CONNECTORS: SMA (Female)
- SIZE 8.300" (L) x 1.315" (W) x 1.500" (H)

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

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

PART NO. 27000653			
APPROVALS	DATE	Planar Filter Company 5715 Industry Lane, Unit 11, Fredrick, Maryland	
DRAWN <i>gg</i>	1/12/05	PRODUCT FEATURE 12CL1D5G-400-CD-SFF	
CHECKED		SIZE FSCM NO. A 1QJWO	DWG NO. 27000653
ISSUED		SCALE N/S	SHEET 1 of 1

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