

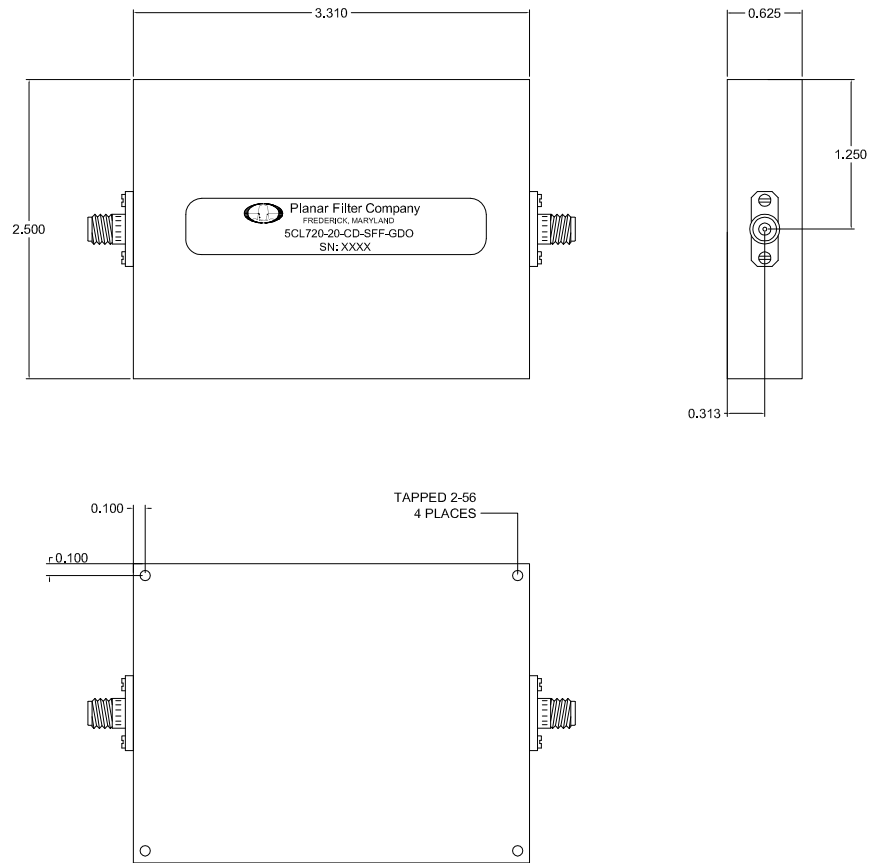
**DESCRIPTION:**

PFC model number 5CL720-20-CD-SFF-GDO is a Compline 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	9/29/05	
	A	UPDATE	1/19/10	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 720 MHz
  - 1dB BANDWIDTH: 20 MHz
  - 1dB PASSBAND: 670 to 770 MHz
  - VSWR IN THE PASS BAND: 1.5:1 MAX.
  - INSERTION LOSS (PASSBAND): 1.0dB MAX.
  - REJECTION: 60dBc @ 480 & 960 MHz
  - GROUP DELAY Fo.: 9.2 nSec TYP.
  - Group Delay Variation Over Fo. +/-50MHz: 6.4 nSec TYP.
  - PASSBAND RIPPLE: 0.25 dB MAX.
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- CONNECTORS: SMA (Male/Female)
  - SIZE: 6.87" (L) x 1.60" (W) x 2.00" (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

**CONFIDENTIAL AND PROPRIETARY**

PART NO.		<b>Planar Filter Company</b> 5715 Industry Lane, Unit 11, Fredrick, Maryland	
APPROVALS	DATE	TITLE	
<i>JP</i>	9/29/05	PRODUCT FEATURE 5CL720-20-CD-SFF-GDO	
CHECKED		SIZE	FSCM NO.
		A	1QJWO
ISSUED		DWG NO.	REV.
		27001371	A
SCALE N/S		SHEET 1 of 1	