

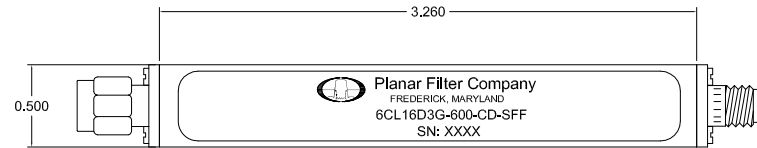
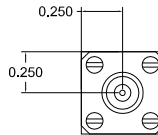
**DESCRIPTION:**

PFC model number 6CL16D3G-600-CD-SFF 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	8/30/05	
	A	UPDATE	1/19/10	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 16300 MHz
- 3dB BANDWIDTH: 600 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 1.5dB MAX.
- REJECTION: 70dBc, +/-1200 MHz from Fo
- AVERAGE POWER: 1 WATT
- CONNECTORS: SMA (Male/Female)
- SIZE: 3.26" (L) x 0.50" (W) x 0.50" (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

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PART NO.		<b>Planar Filter Company</b> 5715 Industry Lane, Unit 11, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
<i>JP</i>	8/30/05	PRODUCT FEATURE 6CL16D3G-600-CD-SFM		
CHECKED		SIZE	FSCM NO.	DWG NO.
		A	1QJWO	27001451
ISSUED		SCALE	N/S	SHEET 1 of 1
		REV.	A	