

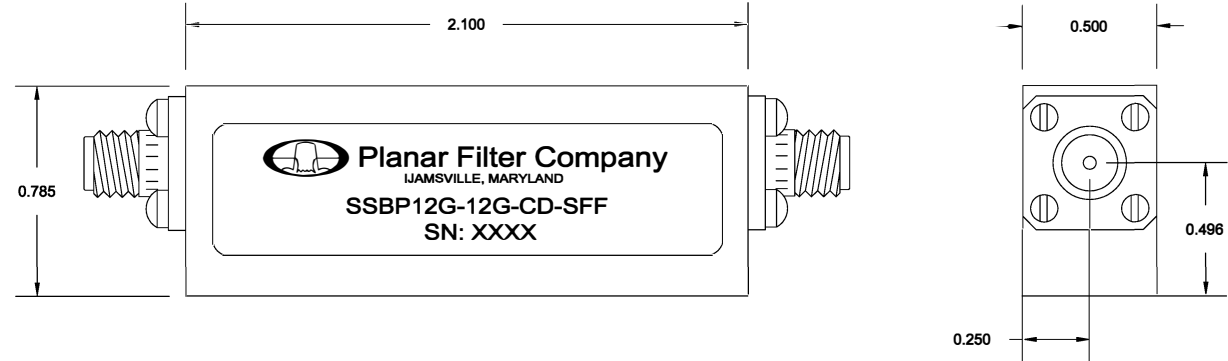
**DESCRIPTION:**

PFC model number SSBP12G-12G-CD-SFF is a Suspended Substrate filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

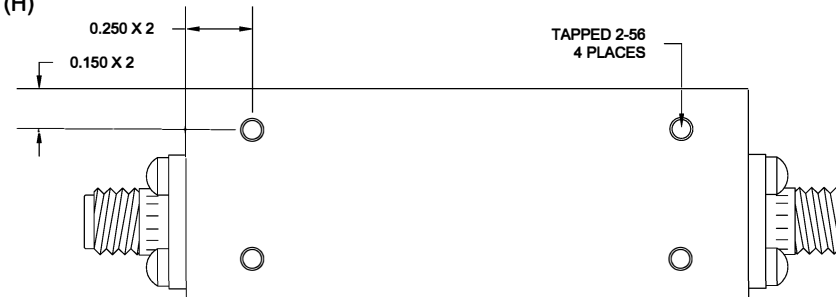
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	3/13/02	
	A	UPDATED SPECS	3/21/02	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 12000 MHz
- 1dB BANDWIDTH: 12000 MHz
- VSWR IN THE PASS BAND: 2.0:1 MAX.
- INSERTION LOSS (PASSBAND): <= -0.5 dB MAX.
- REJECTION @ 4 GHz: -60 dB
- REJECTION @ 20 GHz: -60 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.1" (L) x 0.785" (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

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

PART NO. 155-1164		<b>Planar Filter Company</b> 7311G Grove Road, Fredrick, Maryland		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	3/13/02	OUTLINE DRAWING SSBP12G-12G-CD-SFF		
CHECKED F. HOYOS	3/21/02			
ISSUED		SIZE A	FSCM NO. 1QJWO	DWG NO. 155-1164
		SCALE N/A	SHEET 1 OF 1	