

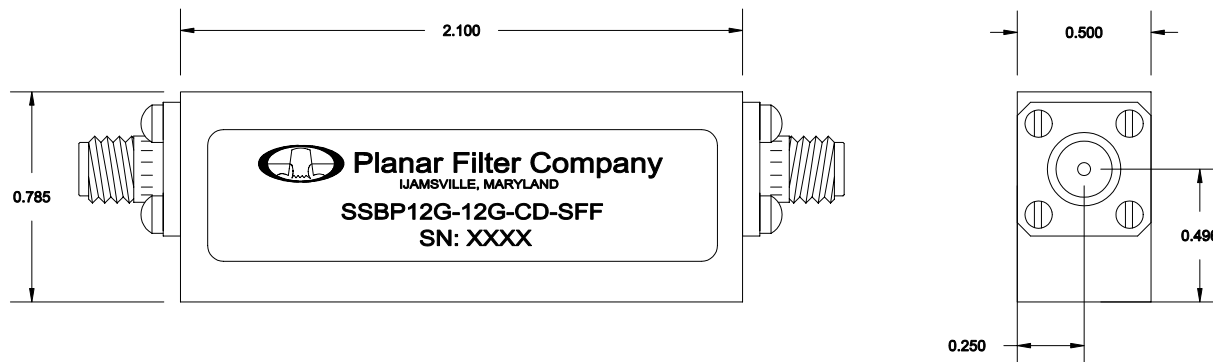
DESCRIPTION:

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 @ 8 GHz:** -40 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		 Planar Filter Company 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	REV A
		SCALE N/A		SHEET 1 OF 1	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION