

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.

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

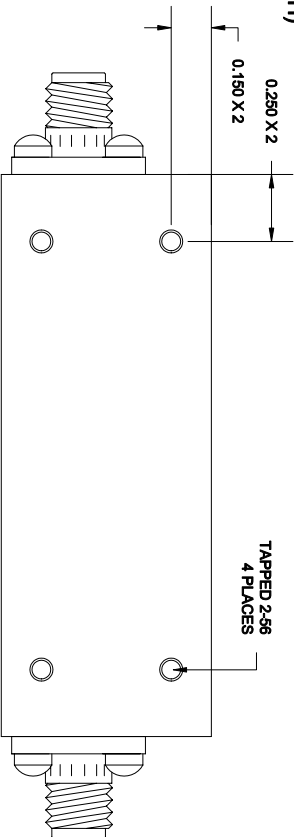
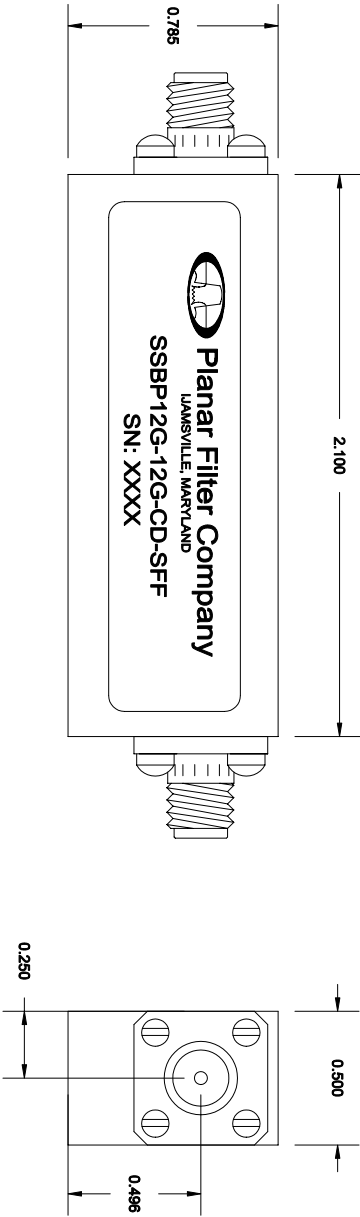
CONNECTORS: SMA FEMALE CONNECTORS

- 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

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



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.010
XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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