

DESCRIPTION:

PFC model number SSBP7G-6G-CD-SS 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: 7 GHz
- 1dB BANDWIDTH: 4.0 TO 10.0 GHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): <= 1 dB MAX.
- REJECTION FROM 2 TO 3 GHz: -40 dB
- REJECTION FROM 12 TO 19 GHz: -40 dB
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.75" (L) x 1.40" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	8/12/00	

Technical drawing of the SSBP7G-6G-CD-SS filter. The top view shows a rectangular component with a width of 1.750 inches and a height of 1.400 inches. The front view shows a width of 0.500 inches and a height of 0.837 inches. The side view shows a width of 0.250 inches. The component has four tapped holes, labeled 'TAPPED 0-80 4 PLACES'. The label on the component reads: Planar Filter Company, FREDERICK, MARYLAND, SSBP7G-6G-CD-SS, SN: XXXX. The drawing is titled 'OUTLINE DRAWING SSBP7G-6G-CD-SS'.

PART NO. 155-0515

APPROVALS

DATE 8/12/00

DRAWN S. PALACIO

CHECKED

ISSUED

Planar Filter Company
7311G Grove Road, Frederick, Maryland

TITLE
OUTLINE DRAWING
SSBP7G-6G-CD-SS

SIZE A	FSCM NO. 1QJW0	DWG NO. 155-0515	REV. -
SCALE N/A		SHEET 1	OF 1

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