

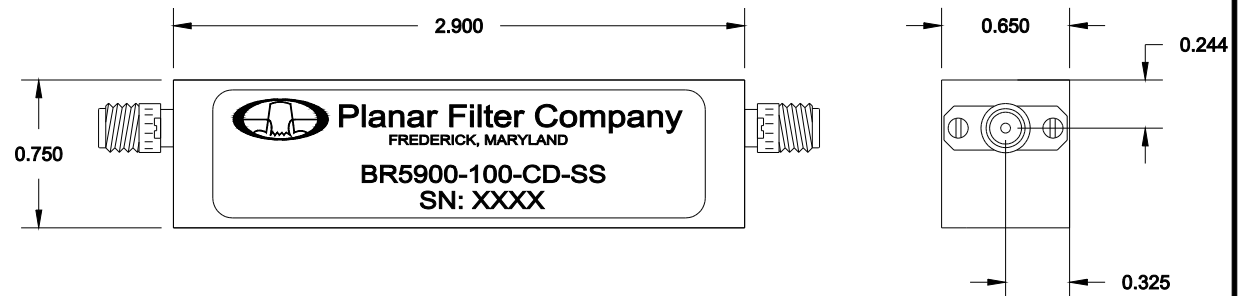
DESCRIPTION:

PFC model number BR5900-100-CD-SS is a Bandreject filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

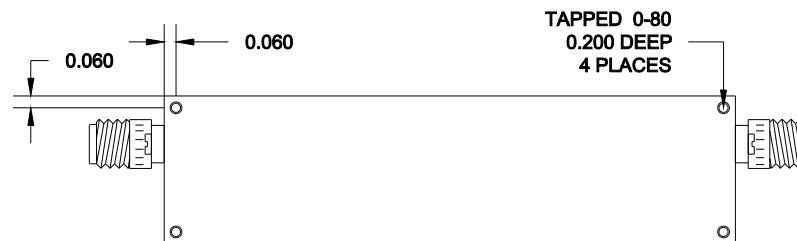
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	9/15/00	

SPECIFICATIONS:

- **CENTER FREQUENCY:** ······ 5900 GHz
- **3dB BANDWIDTH:** ······ 100 MHz
- **VSWR IN THE PASS BAND:** ······ 1.5:1 MAX.
- **INSERTION LOSS (PASSBAND)** ······ -1.8 dB MAX.
- **REJECTION @ + - 90 MHz FROM TO:** ······ -30 dB
- **REJECTION FROM 0 TO 300 MHz:** ······ -65 dB
- **REJECTION FROM 300 TO 1000 MHz:** ······ -65 dB



- **CONNECTORS:** SMA FEMALE CONNECTORS
- **SIZE:** 2.90" (L) x 0.65" (W) x 0.75" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		 Planar Filter Company 7311G Grove Road, Fredrick, Maryland			
APPROVALS	DATE	TITLE			
DRAWN S. PALACIO	9/18/00	OUTLINE DRAWING BR5900-100-CD-SS			
CHECKED					
ISSUED		SIZE A	FSCM NO. 1QJWO	DWG NO. 155-0433	REV. —
		SCALE N/A		SHEET 1 OF 1	