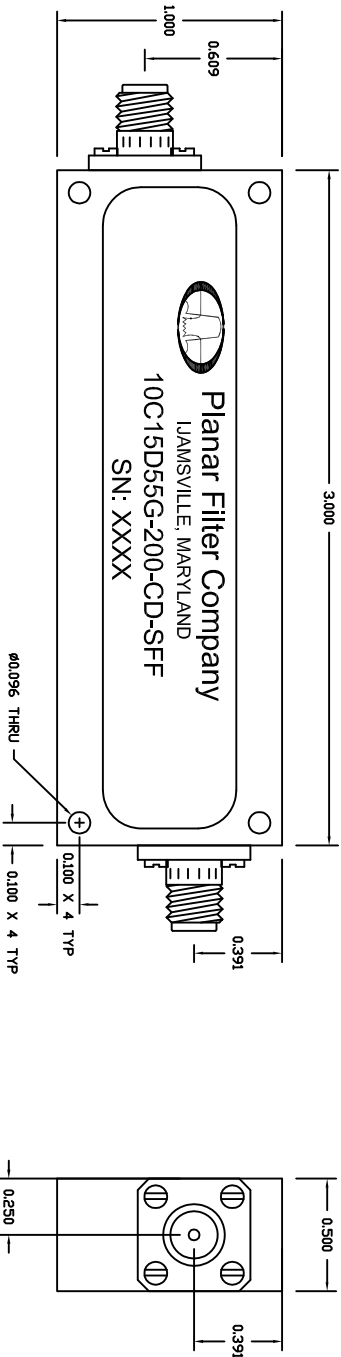


**DESCRIPTION:**

PFC model number 100C15D55G-200-CD-SFF is a Combline Bandpass 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: . . . . . 15550
- 1dB BANDWIDTH: . . . . . 200 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 MAX
- INSERTION LOSS (PASSBAND) . . . . . < 5 dB MAX.
- REJECTION @ 15530MHz . . . . . -40 dB
- REJECTION @ 15750MHz . . . . . -40 dB



- CONNECTORS: . . . . . SMA FEMALE CONNECTORS
- SIZE . . . . . 3.00" (L) x 1.00" (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:  
XXX ±0.010  
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS		DESCRIPTION	DATE	APPROVED
ZONE	REV.			
-		ORIGINAL RELEASE	7/24/02	

PART NO. 155-1548		TITLE Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
APPROVALS	DATE	SIZE	FSQM NO.
DRWN S PALACIO	7/24/02	A	1QJWO
CHECKED		SCALE	N/A
ISSUED		DWG NO.	155-1548
		OUTLINE DRAWING 100C15D55G-200-CD-SFF	
		SHEET	1 OF 1
		REV.	-