

DESCRIPTION:

PFC model number 7CL10R15-700-CD-SFM is a Combine filter with SMA female connectors in and SMA male connectors out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	7/30/04
A		Change connector to male by customer	11/11/04

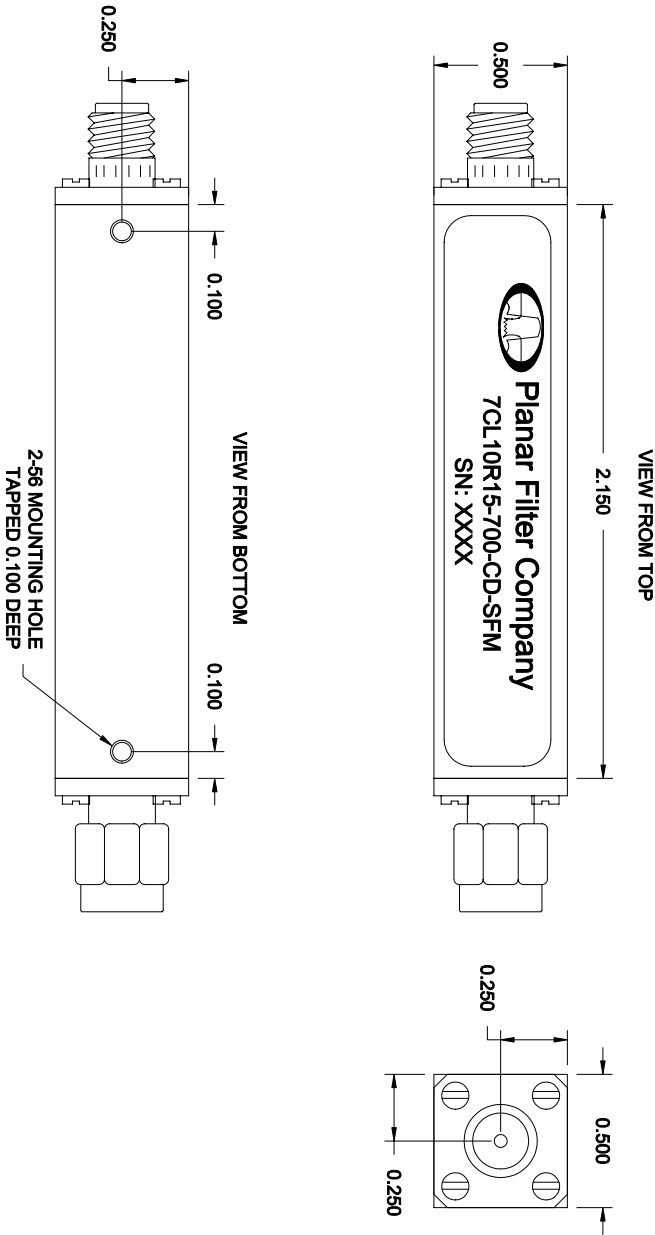
SPECIFICATIONS:

- CENTER FREQUENCY: 10.15 GHz
- 1dB BANDWIDTH: 700 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS @ Fc 1.0 dB MAX.
- PASSBAND FLATNESS 1.0dB P-P MAX.
- INSERTION LOSS VARIATION OVER OPERATING TEMP. 1.0dB MAX.
- REJECTION (REF. TO Fc) :
 - 9.03 GHz 65dBc MIN.
 - 9.52 GHz 40dBc MIN.
 - 10.85 GHz 40dBc MIN.
 - 11.2 GHz 65dBc MIN.
- CONNECTORS (IN/OUT): SMA FEMALE / MALE
- SIZE 2.15" (L) x 0.500" (W) x 0.500" (H)
- WEIGHT 1 OZ. TYP.

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -20°C TO +70°C (OPERATING)
-40°C TO +85°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



CONFIDENTIAL AND PROPRIETARY

PART NO.	27300410	Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
DRAWN	APPROVALS	DATE	TITLE
8.	MAISON	7/30/04	PRODUCT FEATURE
CHECKED			7CL10R15-700-CD-SFM
ISSUED			
SIZE	FSCM NO.	DWG NO.	REV.
A	1QJWO	27300410	A
SCALE	N/S	SHEET	1 of 1

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