

DESCRIPTION:

PFC model number 9CL12R3G-CD-SFM is a Cavity filter with SMA connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

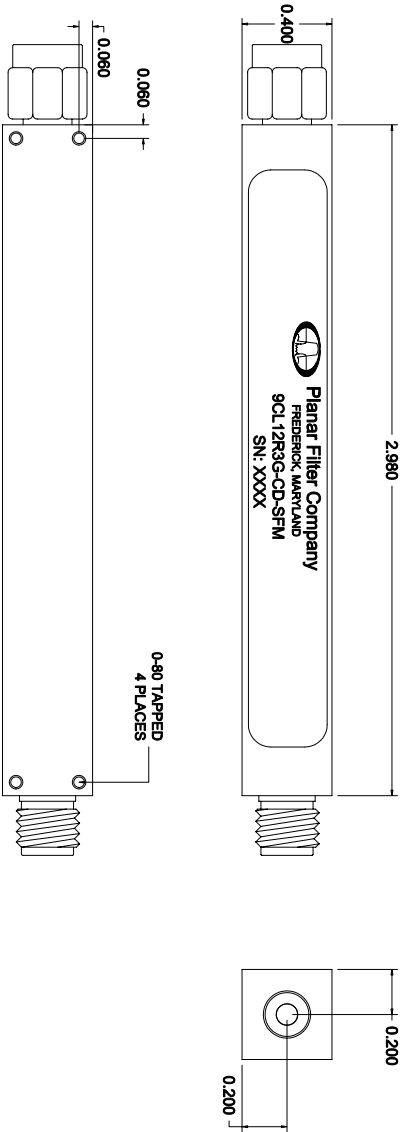
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	ORIGINAL RELEASE	1/6/05

SPECIFICATIONS:

- CENTER FREQUENCY: 12300 MHz
 - 1dB BANDWIDTH: 600 MHz
 - VSWR IN THE PASS BAND: 1.5:1 MAX.
 - INSERTION LOSS (PASSBAND): 2.0dB GOAL, 4.0dB MAX.
 - REJECTION: 60dBc @ 11.65GHz
40dBc @ 13.1GHz
40dBc @ 500 TO 1000 MHz
 - CONNECTORS: SMA (Male/Female)
 - SIZE: 2.98" (L) x 0.40" (W) x 0.40" (H)
 - WEIGHT: 1 OZ. TYP.
- 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

ENVIRONMENTAL RATINGS:

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



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

PART NO. 27000553		APPROVALS		DATE	
DRAWN		ygp		1/6/05	
CHECKED					
ISSUED					
SIZE		FSCM NO.		DWC NO.	
A		1QJWO		27000553	
SCALE		N/S		SHEET 1 of 1	

Planar Filter Company

5715 Industry Lane, Unit 11, Fredrick, Maryland

PRODUCT FEATURE

9CL12R3G-CD-SFM

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