

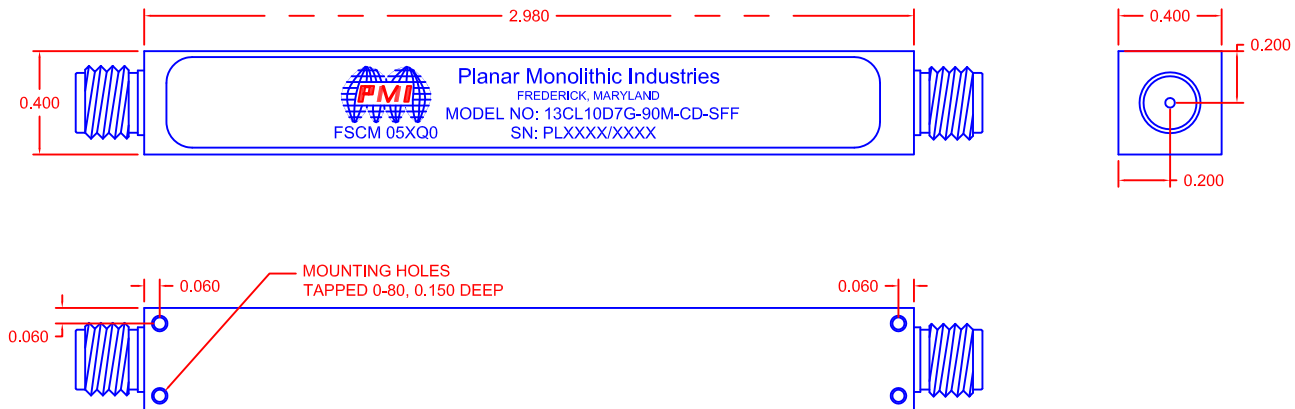
**DESCRIPTION:**

PMI model number 13CL10D7G-90M-CD-SFF is a Cavity 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
	A	ORIGINAL RELEASE	8/19/10	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 10700 MHz Typ.
- 1dB BANDWIDTH: 90 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 3.7 dB Typ.
- REJECTION -80 dB: 10575 MHz
- POWER: 50 W PEAK MAX.  
10 W MAX.



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.98" (L) x 0.40" (W) x 0.40" (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

**CONFIDENTIAL AND PROPRIETARY**

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.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>S. PALAJO</i>	8/19/10	PRODUCT FEATURE 13CL10D7G-90M-CD-SFF	
CHECKED		SIZE	FSCM NO.
		A	05XQ0
ISSUED		DWG NO.	
		27013401	REV. A
		SCALE	N/S
		SHEET 1 of 1	