

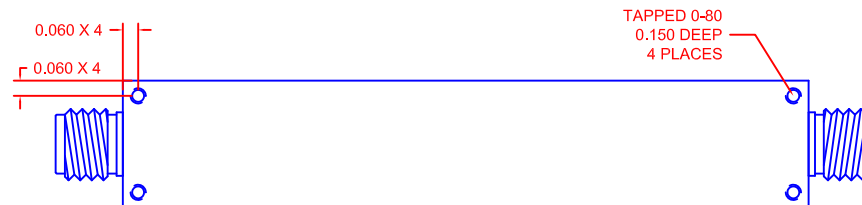
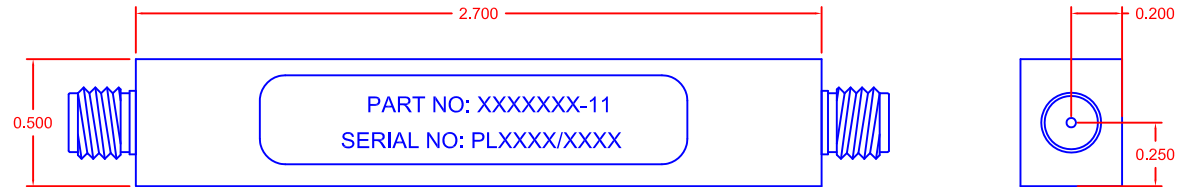
**DESCRIPTION:**

PMI model number 12CL11D8G-1400-CD-SFF is a Comblin 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	11/19/08	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 11800 MHz Nom.
- 3dB BANDWIDTH: 1400 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 5 dB MAX.
- REJECTION -60 dB: DC - 10140 MHz
- REJECTION -30 dB: 13020 MHz
- REJECTION -50 dB: 13740-17000 MHz



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.70" (L) x 0.50" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

**CONFIDENTIAL AND PROPRIETARY**

PART NO.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>S. PALABO</i>	11/19/08	PRODUCT FEATURE 12CL11D8G-1400-CD-SFF	
CHECKED		SIZE	FSCM NO.
ISSUED		A	05XQ0
		DWG NO.	REV.
		27009824	A
		SCALE N/S	SHEET 1 of 1