

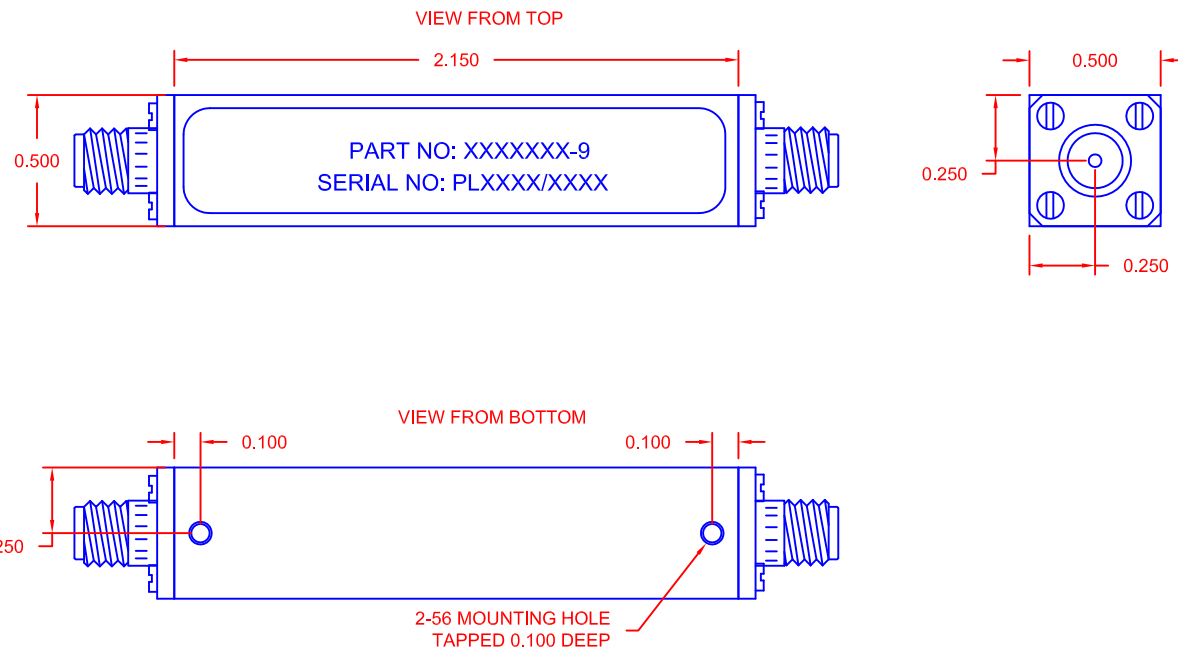
**DESCRIPTION:**

PMI model number 7CL9D66G-960-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	11/14/08	

**SPECIFICATIONS:**

- CENTER FREQUENCY: ..... 9660 MHz Nom.
- 3dB BANDWIDTH: ..... 960 MHz Min.
- VSWR IN THE PASS BAND: ..... 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) ..... 5 dB MAX.
- REJECTION -70 dB: ..... DC - 7800 MHz
- REJECTION -70 dB: ..... 11940 MHz
- REJECTION -70 dB: ..... 13750 MHz
- REJECTION -50 dB: ..... 8350 MHz
- REJECTION -50 dB: ..... 14500 - 17000 MHz
- CONNECTORS: ..... SMA FEMALE CONNECTORS
- SIZE ..... 2.15" (L) x 0.500" (W) x 0.500" (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. PALACIO</i>	11/14/08	PRODUCT FEATURE 7CL9D66G-960-CD-SFF	
CHECKED		SIZE	FSCM NO.
ISSUED		A	05XQ0
		DWG NO.	27009803
		SCALE	N/S
		REV.	A
			SHEET 1 of 1