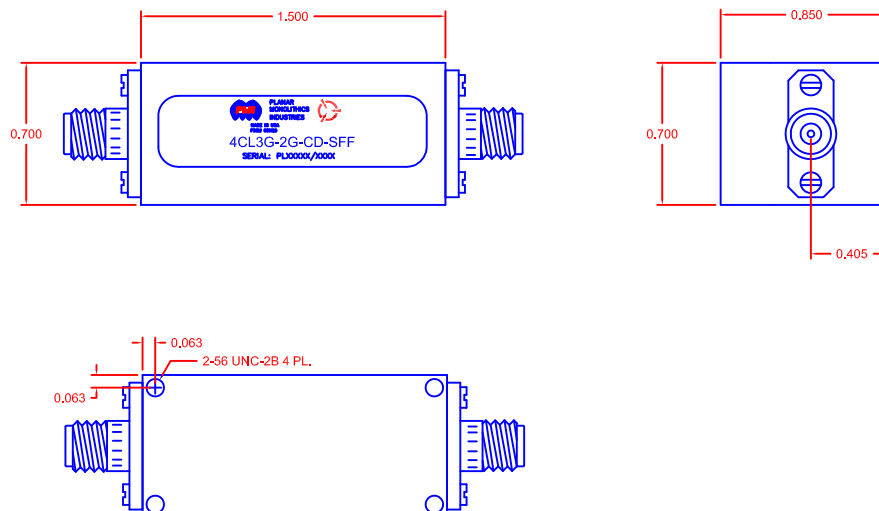


## DESCRIPTION:

PMI model number 4CL3G-2G-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

## SPECIFICATIONS:

- CENTER FREQUENCY: . . . . . 3000 MHz
- PASSBAND . . . . . 2000 MHz
- VSWR IN THE PASS BAND: . . . . . 1.5:1 TYP. MAX.
- INSERTION LOSS (PASSBAND) . . . . .  $\leq 1$  dB MAX.
- RESPONSE . . . . . 4 POLE CHEBYSHEV
- IMPEDANCE . . . . . 50 OHMS
- CONNECTORS: . . . . . SMA-FEMALE
- SIZE . . . . . 1.50" (L) x 0.70" (W) x 0.85" (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  $\pm 0.010$   
X.XXX  $\pm 0.005$

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	11/5/04	

**CONFIDENTIAL AND PROPRIETARY**

PART NO. 27000993		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE PRODUCT FEATURE 4CL3G-2G-CD-SFF		
DRAWN <i>K. Mason</i>	11/5/04			
CHECKED		SIZE	FSCM NO.	REV.
ISSUED		A	1QJWO	—
		DWG NO. 27000993		
		SCALE N/S	SHEET 1 of 1	