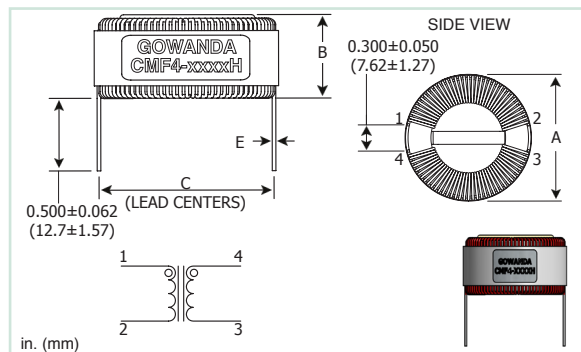


**CMF4H** TRADITIONAL Pb  
**CMF4HLF** RoHS COMPLIANT

*Horizontal Mount Common Mode Choke*



| PART NUMBER | L $\mu$ H @ 10 kHz | DCR $\Omega$ MAX | CURRENT RATING A DC | LEAKAGE L $\mu$ H REF |
|-------------|--------------------|------------------|---------------------|-----------------------|
| CMF4-1003H  | 100                | 0.0025           | 15                  | 1.5                   |
| CMF4-2503H  | 250                | 0.0038           | 12                  | 3.2                   |
| CMF4-5003H  | 500                | 0.0060           | 10                  | 5.8                   |
| CMF4-7503H  | 750                | 0.0130           | 6.7                 | 8.0                   |
| CMF4-1004H  | 1000               | 0.0180           | 5.7                 | 11                    |
| CMF4-1704H  | 1700               | 0.0600           | 3.1                 | 22                    |
| CMF4-2504H  | 2500               | 0.0730           | 2.8                 | 29                    |
| CMF4-3304H  | 3300               | 0.1250           | 2.2                 | 38                    |
| CMF4-5004H  | 5000               | 0.1500           | 2.0                 | 48                    |
| CMF4-7504H  | 7500               | 0.3000           | 1.4                 | 80                    |
| CMF4-1005H  | 10000              | 0.3900           | 1.2                 | 95                    |

| DIMENSIONS  |               |               |               |              |
|-------------|---------------|---------------|---------------|--------------|
| PART NUMBER | A DIM NOM     | B DIM NOM     | C DIM NOM     | E DIM NOM    |
| CMF4-1003H  | 1.04 (26.42)  | 0.440 (11.18) | 0.800 (20.32) | 0.051 (1.30) |
| CMF4-2503H  | 1.04 (26.42)  | 0.440 (11.18) | 0.800 (20.32) | 0.051 (1.30) |
| CMF4-5003H  | 1.04 (26.42)  | 0.425 (10.80) | 0.800 (20.32) | 0.045 (1.14) |
| CMF4-7503H  | 1.00 (25.40)  | 0.425 (10.80) | 0.800 (20.32) | 0.036 (0.91) |
| CMF4-1004H  | 1.00 (25.40)  | 0.400 (10.16) | 0.800 (20.32) | 0.032 (0.81) |
| CMF4-1704H  | 0.950 (24.13) | 0.370 (9.40)  | 0.800 (20.32) | 0.020 (0.51) |
| CMF4-2504H  | 0.950 (24.13) | 0.370 (9.40)  | 0.800 (20.32) | 0.020 (0.51) |
| CMF4-3304H  | 0.950 (24.13) | 0.370 (9.40)  | 0.800 (20.32) | 0.016 (0.41) |
| CMF4-5004H  | 0.950 (24.13) | 0.370 (9.40)  | 0.800 (20.32) | 0.016 (0.41) |
| CMF4-7504H  | 0.950 (24.13) | 0.370 (9.40)  | 0.800 (20.32) | 0.013 (0.33) |
| CMF4-1005H  | 0.935 (23.75) | 0.370 (9.40)  | 0.800 (20.32) | 0.011 (0.28) |

**NOTES:**

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 50°C temperature rise at an ambient temperature of 75°C  
*Note: Current is rated in both windings*
- **DWV:** 1250 Vrms
- **Weight Max:** 14 grams
- **Marking:** GOWANDA; CMF4; -xxxxH (dash number)  
GOWANDA  
CMF4-1003H
- Excellent Electromagnetic Shielding
- Leakage inductance is tested at pins 1-2 with pins 3-4 shorted or at pins 3-4 with pins 1-2 shorted
- Inductance and DCR is for each side or single winding
- Windings balanced within 2%
- When ordering, specify **termination:**  
CMF4-1003HLF
- **Tolerance:** All part numbers provide 30% tolerance on inductance
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

**PACKAGING SPECS:**

Bulk only