



**CMF4HC**

**CMF4HCLF\***

Wirewound, Horizontal Mount, Potted

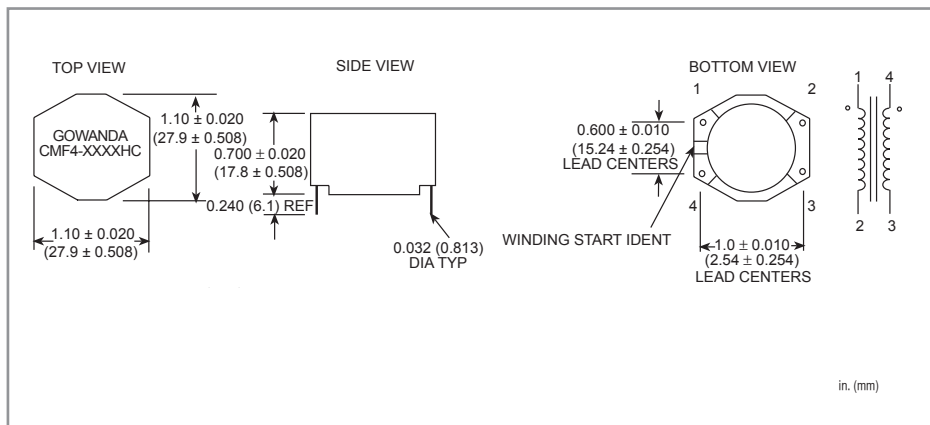
PART NUMBER	L $\mu$ H @ 10 kHz	DCR OHMS MAX	CURRENT RATING A DC	LEAKAGE L $\mu$ H REF	INTERWINDING CAPACITANCE pF REF
CMF4-1003HC	100	0.004	12	1.7	8.8
CMF4-2503HC	250	0.006	10	3.5	12
CMF4-5003HC	500	0.008	8.6	5.5	15
CMF4-7503HC	750	0.013	6.7	7.6	22
CMF4-1004HC	1000	0.018	5.7	10	20
CMF4-1704HC	1700	0.060	3.1	20	18
CMF4-2504HC	2500	0.073	2.8	25	23
CMF4-3304HC	3300	0.125	2.2	40	25
CMF4-5004HC	5000	0.150	2.0	49	30
CMF4-7504HC	7500	0.300	1.4	77	30
CMF4-1005HC	10000	0.390	1.2	91	32

All part numbers provide 30% tolerance on inductance  
 Custom designs are available to meet your specific requirements; please contact factory

**\*Add "LF" suffix for RoHS requirement. Example: CMF4-1003HCLF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the  $\leq .1\%$  lead requirement and they are compatible with 260°C soldering processes.



**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
- Dielectric Withstanding Voltage (DWV) is 1250 Vrms
- 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
- Applications include reduction of AC line interference produced by switching power supplies (the opposing magnetic fluxes in the core serve to cancel in-phase noise signals appearing across the AC line) and noise suppression of DC circuits for switching regulators

**PACKAGING SPECS:**

Bulk only