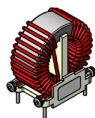


### CMF5VM SERIES

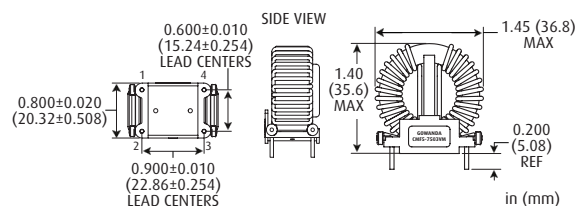


### Vertical Mount Common Mode Choke



PART NUMBER	L $\mu$ H @ 10 kHz	DCR $\Omega$ MAX	CURRENT RATING A DC	LEAKAGE L $\mu$ H REF	INTERWINDING CAPACITANCE pF REF
CMF5-7503VM	750	0.009	11.8	8.2	10
CMF5-1004VM	1000	0.012	10.2	10.5	12
CMF5-1504VM	1500	0.015	9.1	12.9	14
CMF5-2004VM	2000	0.020	7.9	18	16
CMF5-3304VM	3300	0.035	6.0	27	19
CMF5-5004VM	5000	0.060	4.6	42	20
CMF5-7504VM	7500	0.120	3.2	68	22
CMF5-1005VM	10000	0.160	2.8	89	24
CMF5-1505VM	15000	0.250	2.2	119	27

SCHEMATIC



### 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 (winding to winding)
- **Weight MAX:** 36.73 grams
- **Marking:** GOWANDA; Part Number (see diagram above)
- Excellent Electromagnetic Shielding
- Leakage inductance is tested in 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
- Winding balanced within 2%
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications:** 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 lines. Also used for noise suppression of DC circuits for switching regulators.

### PART NUMBER DERIVATION

**CMF5 - 7503VM LF**

**GEC Series** ———

**Inductance:** 3 signif. digits & mult. ———  
ex: 7503 = 750 $\mu$ H, 1004 = 1000 $\mu$ H, 1005 = 10000 $\mu$ H

**Tolerance:** All part numbers provide 25% tolerance on inductance

**Termination:** LF = RoHS, No Suffix = SnPb (standard) ———

### PACKAGING SPECS

Bulk Only

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