

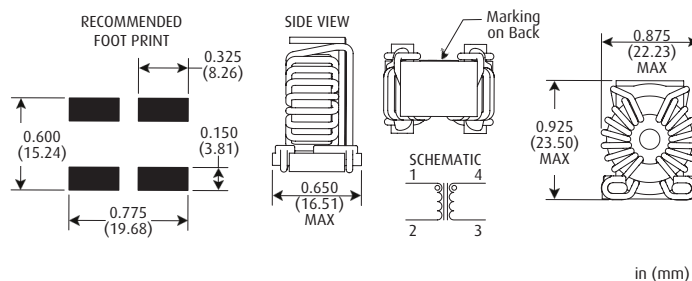
CMN3VSM SERIES



Vertical Mount Common Mode Toroidal Choke



PART NUMBER	L μ H @ 10 kHz	DCR Ω MAX	CURRENT RATING A MAX	LEAKAGE L μ H REF	INTERWINDING CAPACITANCE pF REF
CMN3-1803VSM	180	0.0019	16.4	0.45	3.0
CMN3-3903VSM	390	0.0025	14.3	0.60	4.0
CMN3-6803VSM	680	0.0030	13.0	0.85	4.0
CMN3-1004VSM	1000	0.0036	11.9	1.15	4.0
CMN3-1504VSM	1500	0.0051	10.0	1.60	4.0
CMN3-2204VSM	2200	0.0076	8.2	2.05	5.0
CMN3-2704VSM	2700	0.0098	7.2	2.50	5.0
CMN3-3304VSM	3300	0.0109	6.8	3.00	5.0
CMN3-4704VSM	4700	0.0151	5.8	4.00	5.0
CMN3-7504VSM	7500	0.0241	4.6	5.70	6.0
CMN3-1005VSM	10000	0.0347	3.8	7.50	6.0



NOTES

- Operating Temperature Range:** -55°C to +150°C
- Current Rating** is based on a 60°C temperature rise at an ambient temperature of 90°C
Note: Current is rated in both windings
- DWV:** 1250 Vrms
- Weight:** _____ grams
- Marking:** Part Number (see diagram above)
- Excellent Electromagnetic Shielding & Temperature Stability
- Inductance and DCR is for each side or single winding
- Windings balanced within 2%
- Specially designed to conserve board space
- Thermal-set surface mount epoxy base allowing for pick and place
- Custom designs are available to meet your specific requirements; please contact factory
- Applications include:** Reduction of AC line interference produced by switching power supplies, the opposing magnetic fluxes in the core serve to cancel inphase noise signals appearing across the AC line. Also used for noise suppression of DC circuits for switching regulators.

PART NUMBER DERIVATION

GEC Series _____ **CMN3 - 1803VSM LF**

Inductance: 3 signif. digits & mult. _____
ex: 1803 = 180 μ H, 1004 = 1000 μ H, 1005 = 10000 μ H

Tolerance: All part numbers provide 35% tolerance on inductance

Termination: LF = RoHS, No Suffix = SnPb (Standard) _____

TAPE AND REEL SPECS

Pieces/reel maximum:	63
Pitch between parts:	32 mm
Tape width:	56 mm
Reel diameter:	13 in.