

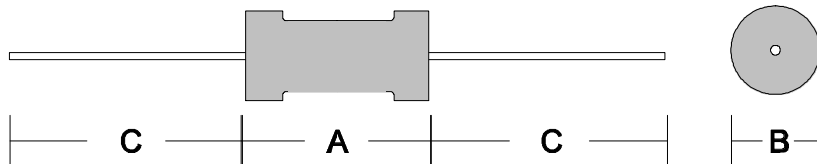
VC0513 Series

- UL Sleeved
- Wide Inductance Range
- High Saturation Ferrite Core
- Typical Pack Size 5000pcs



The VC0513 range of axial inductors offers the user excellent reliability, over a wide inductance range, along with high current handling. These components have been especially developed for use in SCR and Triac controls, as well as inclusion in other switching circuit applications. All components in the range feature UL approved sleeving material suitable for temperatures up to 105°C, and low permeability ferrite core.

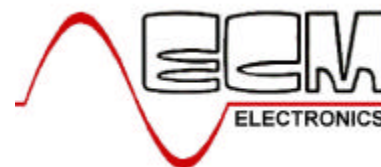
COMPONENT OUTLINE



DIMENSIONS (mm)

ECM Type	A	B	C	Lead dia.
VC0513	16.5	6.6	38.0	0.8

ECM Medium Power Axial Inductors



ECM Part	L (mH)	Tol %	R_{DC} MAX (W)	I_{DC} I_{SAT} (A)	I_{DC} I_N (A)
VC0513-3R9	3.9	K	0.019	7.30	1.28
VC0513-4R7	4.7	K	0.022	6.30	1.28
VC0513-5R6	5.6	K	0.024	5.60	1.28
VC0513-6R8	6.8	K	0.026	5.30	1.28
VC0513-8R2	8.2	K	0.028	4.50	1.28
VC0513-100	10	K	0.033	4.10	1.28
VC0513-120	12	K	0.037	3.60	1.28
VC0513-150	15	K	0.040	3.30	1.28
VC0513-180	18	K	0.044	3.00	1.28
VC0513-220	22	K	0.050	2.70	1.28
VC0513-270	27	K	0.058	2.50	1.28
VC0513-330	33	K	0.075	2.20	1.08
VC0513-390	39	K	0.094	1.00	0.804
VC0513-470	47	K	0.109	1.80	0.804
VC0513-560	56	K	0.140	1.60	0.804
VC0513-680	68	K	0.145	1.50	0.804
VC0513-820	82	K	0.152	1.40	0.804
VC0513-101	100	K	0.208	1.20	0.632
VC0513-121	120	K	0.283	1.10	0.508
VC0513-151	150	K	0.340	1.00	0.508
VC0513-181	180	K	0.362	0.95	0.508
VC0513-221	220	K	0.430	0.86	0.508
VC0513-271	270	K	0.557	0.77	0.400
VC0513-331	330	K	0.665	0.70	0.400
VC0513-391	390	K	0.772	0.64	0.400
VC0513-471	470	K	1.15	0.59	0.315
VC0513-561	560	K	1.27	0.54	0.315
VC0513-681	680	K	1.61	0.49	0.250
VC0513-821	820	K	1.96	0.44	0.200
VC0513-102	1000	K	2.30	0.40	0.200
VC0513-122	1200	K	2.65	0.35	0.200
VC0513-152	1500	K	3.45	0.33	0.158
VC0513-182	1800	K	4.03	0.29	0.158
VC0513-222	2200	K	4.48	0.27	0.158
VC0513-272	2700	K	5.90	0.24	0.125
VC0513-332	3300	K	6.56	0.22	0.125
VC0513-392	3900	K	8.63	0.20	0.100
VC0513-472	4700	K	10.50	0.18	0.100
VC0513-562	5600	K	13.90	0.166	0.082
VC0513-682	6800	K	16.30	0.151	0.082
VC0513-822	8200	K	20.80	0.136	0.065
VC0513-103	10000	K	26.40	0.125	0.050
VC0513-123	12000	K	29.90	0.114	0.050
VC0513-153	15000	K	42.50	0.098	0.039
VC0513-183	18000	K	48.30	0.091	0.039

TOLERANCE: K=10%.

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

Issue 1