

INDUCTORS

Axial Power Chokes VC Series

Features:Features

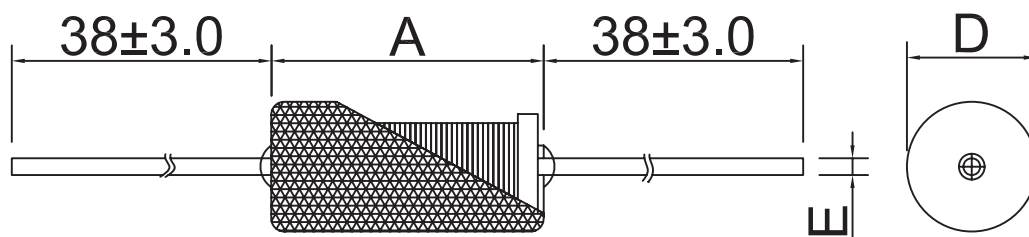
- . Low cost power inductor.
- . High current choke.
- . Wide inductance range.
- . High saturation ferrite core.
- . Coated with varnish or covered with UL shrink tube.
- . Tape and reel packaging for automatic insertion.
- . RoHS compliant.

Applications

- . TVs and Audio equipment.
- . Telecommunication devices.
- . RF filters

Test equipment:

L test by Wayne Kerr 3260B LCR meter with
Wayne Kerr 3265B Bias Current Source.
DCR tested by Milli-ohm meter.



P/N	D Max.	A Max.	E ± 0.05
VC0410	5.0	10.5	0.65
VC0513	6.6	16.5	0.80
VC1019	11.5	23.0	0.80

ORDER INFORMATION

KLS18-VC XXXX-XXX K

Inductance Tolerance : K=10% M=20%

Inductance Value

Part Number

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PART NO.	L (uH) @1kHz	DCR (Ω) Max.	Rated current(mA) Max.
VC0410-3R9K	3.9	0.225	840
VC0410-4R7K	4.7	0.25	800
VC0410-5R6K	5.6	0.28	750
VC0410-6R8K	6.8	0.31	710
VC0410-8R2K	8.2	0.35	680
VC0410-100K	10	0.39	640
VC0410-120K	12	0.67	450
VC0410-150K	15	0.76	430
VC0410-180K	18	0.85	410
VC0410-220K	22	0.96	390
VC0410-270K	27	1.10	360
VC0410-330K	33	1.24	345
VC0410-390K	39	1.37	330
VC0410-470K	47	1.65	315
VC0410-560K	56	1.95	300

PART NO.	L (uH) @1kHz	DCR (Ω) Max.	Rated current(mA) Max.
VC0513-3R9K	3.9	0.019	1.28
VC0513-4R7K	4.7	0.022	1.28
VC0513-5R6K	5.6	0.024	1.28
VC0513-6R8K	6.8	0.026	1.28
VC0513-8R2K	8.2	0.028	1.28
VC0513-100K	10	0.033	1.28
VC0513-120K	12	0.037	1.28
VC0513-150K	15	0.040	1.28
VC0513-180K	18	0.044	1.28
VC0513-220K	22	0.050	1.28
VC0513-270K	27	0.058	1.28
VC0513-330K	33	0.075	1.008
VC0513-390K	39	0.094	0.804
VC0513-470K	47	0.109	0.804
VC0513-560K	56	0.140	0.804
VC0513-680K	68	0.145	0.804

INDUCTORS

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PART NO.	L (uH) @ 1kHz	DCR (Ω) Max.	Rated current(mA) Max.
VC0513-820K	82	0.152	0.804
VC0513-101K	100	0.208	0.632
VC0513-121K	120	0.283	0.508
VC0513-151K	150	0.340	0.508
VC0513-181K	180	0.362	0.508
VC0513-221K	220	0.430	0.508
VC0513-271K	270	0.557	0.400
VC0513-331K	330	0.665	0.400
VC0513-391K	390	0.772	0.400
VC0513-471K	470	1.15	0.315
VC0513-561K	560	1.27	0.315
VC0513-681K	680	1.61	0.250
VC0513-821K	820	1.96	0.200
VC0513-102K	1000	2.30	0.200
VC0513-122K	1200	2.65	0.200
VC0513-152K	1500	3.45	0.158
VC0513-182K	1800	4.03	0.158
VC0513-222K	2200	4.48	0.158
VC0513-272K	2700	5.90	0.125
VC0513-332K	3300	6.56	0.125
VC0513-392K	3900	8.63	0.100
VC0513-472K	4700	10.5	0.100
VC0513-562K	5600	13.9	0.082
VC0513-682K	6800	16.3	0.082
VC0513-822K	8200	20.8	0.065
VC0513-103K	10000	26.4	0.050
VC0513-123K	12000	29.2	0.050
VC0513-153K	15000	42.5	0.039
VC0513-183K	18000	48.3	0.031

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PART NO.	L (uH) @1kHz	DCR (Ω) Max.	Rated current(mA) Max.
VC10 19-3R9K	3.9	0.007	4.0
VC10 19-4R7K	4.7	0.008	4.0
VC10 19-6R8K	6.8	0.011	4.0
VC10 19-100K	10	0.017	4.0
VC10 19-150K	15	0.022	4.0
VC10 19-220K	22	0.026	4.0
VC10 19-270K	27	0.027	4.0
VC10 19-330K	33	0.032	4.0
VC10 19-390K	39	0.033	4.0
VC10 19-470K	47	0.035	4.0
VC10 19-560K	56	0.037	3.2
VC10 19-680K	68	0.047	2.5
VC10 19-820K	82	0.060	2.0
VC10 19-101K	100	0.090	1.6
VC10 19-121K	120	0.113	1.6
VC10 19-151K	150	0.129	1.6
VC10 19-181K	180	0.150	1.6
VC10 19-221K	220	0.162	1.6
VC10 19-271K	270	0.208	1.6
VC10 19-331K	330	0.212	1.6
VC10 19-391K	390	0.281	1.6
VC10 19-471K	470	0.380	1.2
VC10 19-561K	560	0.420	1.0
VC10 19-681K	680	0.548	1.0
VC10 19-821K	820	0.655	0.8
VC10 19-102K	1000	0.844	0.8
VC10 19-122K	1200	1.04	0.6
VC10 19-152K	1500	1.18	0.6
VC10 19-182K	1800	1.56	0.6
VC10 19-222K	2200	2.00	0.5
VC10 19-272K	2700	2.06	0.4
VC10 19-332K	3300	2.53	0.4
VC10 19-392K	3900	2.75	0.4
VC10 19-472K	4700	3.19	0.4
VC10 19-562K	5600	3.92	0.315
VC10 19-682K	6800	5.69	0.250
VC10 19-822K	8200	6.32	0.250
VC10 19-103K	10000	7.30	0.250
VC10 19-153K	15000	10.5	0.200
VC10 19-223K	22000	21.8	0.125
VC10 19-333K	33000	25.7	0.125
VC10 19-473K	47000	36.1	0.100
VC10 19-683K	68000	57.3	0.082
VC10 19-104K	100000	89.7	0.065