

THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

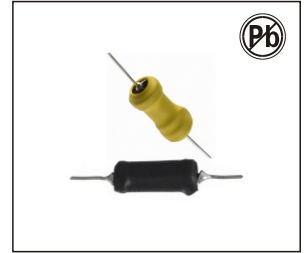
LCHA0410 SERIES

FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent Environmental Characteristics
- High Reliability
- High Inductance and Lower RDC

COMMON APPLICATIONS:

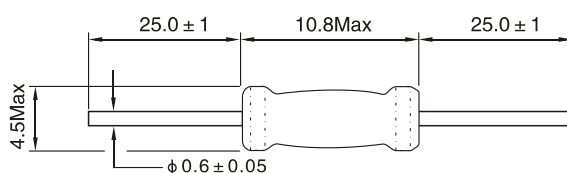
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



STANDARD SPECIFICATIONS:

Part Number LCHA0410-	L (μ H)	DCR Max. Ω @ +20°C	I Sat A(max)	Idc A(max)
3R9K	3.9	.060	1800	1500
4R7K	4.7	.068	1700	1400
5R6K	5.6	.074	1600	1300
6R8K	6.8	.080	1600	1200
8R2K	8.2	.087	1500	1100
100K	10	.095	1500	970
120K	12	.110	1400	880
150K	15	.115	1200	790
180K	18	.160	1100	710
220K	22	.190	1000	640
270K	27	.220	950	580
330K	33	.350	910	530
390K	39	.260	880	480
470K	47	.350	760	430
560K	56	.470	650	400
680K	68	.530	610	370
820K	82	.600	580	330
101K	100	.670	550	300
121K	120	.900	470	270
151K	150	1.20	410	250
181K	180	1.40	380	220
221K	220	1.90	320	200
271K	270	2.10	310	180
331K	330	2.40	290	170
391K	390	3.0	260	150
471K	470	3.40	240	140
561K	560	4.70	210	130
681K	680	6.40	180	110
821K	820	7.1	170	100
102K	1000	7.9	160	95
122K	1200	9.0	150	87
152K	1500	12.0	130	78
182K	1800	14.0	120	71
222K	2200	19.0	100	64
272K	2700	25.0	90	58
332K	3300	29.0	83	52
392K	3900	34.0	77	48
472K	4700	37.0	74	44
562K	5600	50.0	63	40
682K	6800	58.0	59	36
822K	8200	68.0	54	33
103K	10000	75.0	52	30

TECHNICAL INFORMATION:



Testing: LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohm meter

IDC Max: Lowers inductance by 10%

Operating temperature: -55°C to +125°C

Shrink tube: Flame retardant UL type VW-1

Marking: Inductance and tolerance

Note: All specifications subject to change without notice.

THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

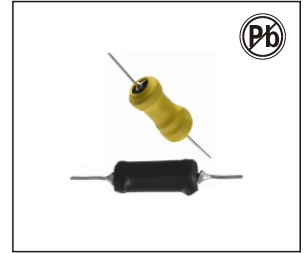
LCHA0617 SERIES

FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent Environmental Characteristics
- High Reliability
- High Inductance and Lower RDC

COMMON APPLICATIONS:

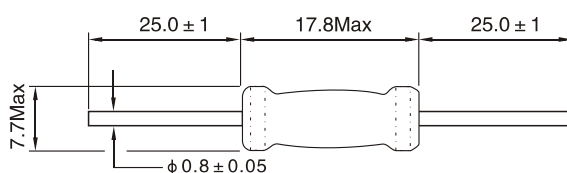
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



STANDARD SPECIFICATIONS:

Part Number LCHA0617-	L (μ H)	DCR Max. Ω @ +20°C	I Sat A(max)	Idc A(max)
3R9K	3.9	.019	7.3	1.70
4R7K	4.7	.022	6.3	1.50
5R6K	5.6	.024	5.6	1.40
6R8K	6.8	.026	5.3	1.35
8R2K	8.2	.028	4.5	1.30
100K	10	.033	4.1	1.30
120K	12	.037	3.6	1.30
150K	15	.040	3.3	1.28
180K	18	.044	3.0	1.28
220K	22	.050	2.7	1.00
270K	27	.058	2.5	1.00
330K	33	.075	2.2	1.00
390K	39	.094	2.0	1.00
470K	47	.109	1.8	1.00
560K	56	.140	1.7	.840
680K	68	.145	1.5	.610
820K	82	.152	1.4	.520
101K	100	.208	1.2	.520
121K	120	.283	1.1	.420
151K	150	.340	1.0	.420
181K	180	.362	.95	.420
221K	220	.430	.86	.420
271K	270	.557	.77	.330
331K	330	.665	.70	.330
391K	390	.772	.64	.330
471K	470	1.15	.59	.315
561K	560	1.27	.54	.315
681K	680	1.61	.49	.250
821K	820	1.96	.44	.200
102K	1000	2.30	.40	.200
122K	1200	2.65	.35	.200
152K	1500	3.45	.33	.158
182K	1800	4.03	.29	.158
222K	2200	4.48	.27	.158
272K	2700	5.90	.24	.125
332K	3300	6.56	.220	.125
392K	3900	8.63	.200	.100
472K	4700	10.50	.180	.100
562K	5600	13.90	.166	.082
682K	6800	16.30	.151	.082
822K	8200	20.80	.136	.065
103K	10000	26.40	.125	.050
123K	12000	29.90	.114	.050
153K	15000	42.50	.098	.039
183K	18000	48.30	.091	.039

TECHNICAL INFORMATION:



Testing: LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohm meter

IDC Max: Lowers inductance by 10%

Operating temperature: -55°C to +125°C

Shrink tube: Flame retardant UL type VW-1

Marking: Inductance and tolerance

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THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

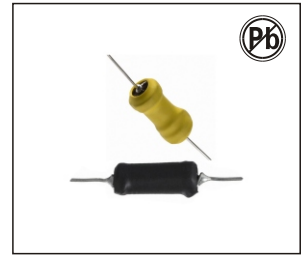
LCHA1122 SERIES

FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent Environmental Characteristics
- High Reliability
- High Inductance and Lower RDC

COMMON APPLICATIONS:

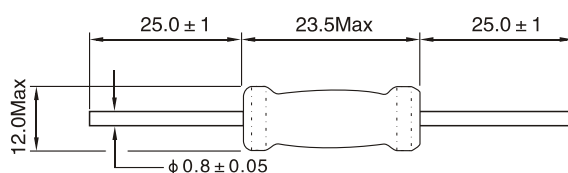
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



STANDARD SPECIFICATIONS:

Part Number LCHA1122-	L (μ H)	DCR Max. Ω @ +20°C	I Sat A(max)	Idc A(max)
3R9K	3.9	.007	15.5	4.0
4R7K	4.7	.008	13.9	4.0
5R6K	5.6	.011	12.6	4.0
6R8K	6.8	.011	11.6	4.0
8R2K	8.2	.013	9.89	4.0
100K	10	.017	8.70	4.0
120K	12	.019	8.21	4.0
150K	15	.022	7.34	4.0
180K	18	.023	6.64	4.0
220K	22	.026	6.07	4.0
270K	27	.027	5.36	4.0
330K	33	.032	4.82	4.0
390K	39	.033	4.36	4.0
470K	47	.035	3.98	4.0
560K	56	.037	3.66	3.2
680K	68	.047	3.31	2.5
820K	82	.060	3.10	2.0
101K	100	.090	2.79	1.6
121K	120	.113	5.54	1.6
151K	150	.129	2.22	1.6
181K	180	.150	1.98	1.6
221K	220	.162	1.89	1.6
271K	270	.208	1.63	1.6
331K	330	.212	1.51	1.6
391K	390	.281	1.39	1.6
471K	470	.380	1.24	1.2
561K	560	.420	1.17	1.0
681K	680	.548	1.05	1.0
821K	820	.655	.97	0.8
102K	1000	.844	.87	0.8
122K	1200	1.04	.79	0.6
152K	1500	1.18	.70	0.6
182K	1800	1.56	.64	0.6
222K	2200	2.00	.58	0.5
272K	2700	2.06	.53	0.4
332K	3300	2.53	.47	0.4
392K	3900	2.75	.43	0.4
472K	4700	3.19	.39	0.4
562K	5600	3.92	.359	0.315
682K	6800	5.69	.322	0.250
822K	8200	6.32	.293	0.250
103K	10000	7.30	.266	0.250
123K	12000	9.21	.241	0.200
153K	15000	10.50	.214	0.200
183K	18000	14.80	.198	0.158
223K	22000	21.8	.180	0.125
273K	27000	22.7	.162	0.125
333K	33000	25.7	.146	0.125
393K	39000	31.8	.135	0.100
473K	47000	36.1	.122	0.100
563K	56000	40.9	.112	0.100
683K	68000	57.3	.101	0.082
823K	82000	79.3	.090	0.065
104K	100000	89.7	.081	0.065

TECHNICAL INFORMATION:



Testing: LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohm meter

IDC Max: Lowers inductance by 10%

Operating temperature: -55°C to +125°C

Shrink tube: Flame retardant UL type VW-1

Marking: Inductance and tolerance

Note: All specifications subject to change without notice.

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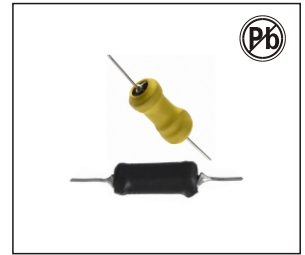
LCHA1425 SERIES

FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent Environmental Characteristics
- High Reliability
- High Inductance and Lower RDC

COMMON APPLICATIONS:

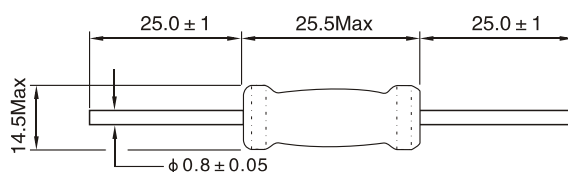
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



STANDARD SPECIFICATIONS:

Part Number LCHA1425-	L (μ H)	DCR Max. Ω @ +20°C	I Sat A(max)	Idc A(max)
3R9K	3.9	.007	47.0	6.0
4R7K	4.7	.008	42.0	6.0
5R6K	5.6	.009	35.0	6.0
6R8K	6.8	.010	29.0	6.0
8R2K	8.2	.011	24.0	6.0
100K	10	.012	19.0	6.0
120K	12	.013	16.0	6.0
150K	15	.014	14.8	6.0
180K	18	.015	13.4	6.0
220K	22	.016	12.4	6.0
270K	27	.017	11.2	6.0
330K	33	.021	10.2	6.0
390K	39	.023	9.3	6.0
470K	47	.025	8.7	6.0
560K	56	.028	8.0	6.0
680K	68	.039	7.0	4.7
820K	82	.043	6.3	4.7
101K	100	.055	5.7	3.8
121K	120	.076	5.3	3.0
151K	150	.084	4.7	3.0
181K	180	.096	4.3	3.0
221K	220	.108	4.0	3.0
271K	270	.151	3.6	2.3
331K	330	.168	3.2	2.3
391K	390	.182	2.9	2.3
471K	470	.202	2.6	2.3
561K	560	.348	2.4	1.4
681K	680	.470	2.2	1.2
821K	820	.500	2.0	1.2
102K	1000	.570	1.8	1.2
122K	1200	.648	1.70	1.200
152K	1500	.888	1.55	0.900
182K	1800	1.16	1.40	0.750
222K	2200	1.20	1.25	0.750
272K	2700	1.44	1.10	0.750
332K	3300	1.92	1.000	0.590
392K	3900	2.16	0.900	0.590
472K	4700	2.50	0.850	0.590
562K	5600	3.20	0.780	0.450
682K	6800	4.00	0.700	0.450
822K	8200	5.20	0.650	0.350
103K	10000	6.00	0.600	0.350
123K	12000	8.00	0.540	0.270
153K	15000	10.00	0.480	0.200
183K	18000	11.00	0.460	0.200
223K	22000	13.00	0.390	0.200
273K	27000	15.00	0.355	0.200
333K	33000	21.00	0.330	0.160
393K	39000	23.20	0.300	0.160
473K	47000	32.00	0.270	0.120
563K	56000	35.00	0.175	0.120
683K	68000	48.00	0.145	0.095
823K	82000	54.30	0.120	0.095
104K	100000	68.50	0.100	0.070
124K	120000	75.00	0.080	0.070
154K	150000	84.30	0.060	0.070

TECHNICAL INFORMATION:



Testing: LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohm meter

IDC Max: Lowers inductance by 10%

Operating temperature: -55°C to +125°C

Shrink tube: Flame retardant UL type VW-1

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