

THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

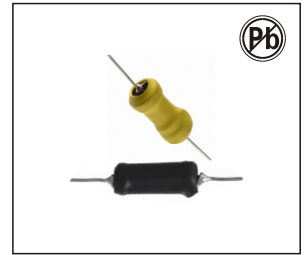
LCHA1425 SERIES

FEATURES:

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

COMMON APPLICATIONS:

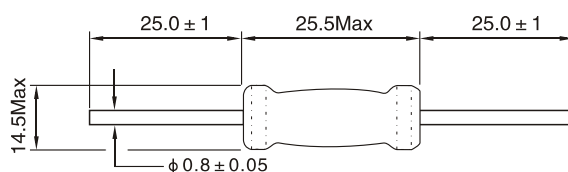
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



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

Marking: Inductance and tolerance

Note: All specifications subject to change without notice.