

THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

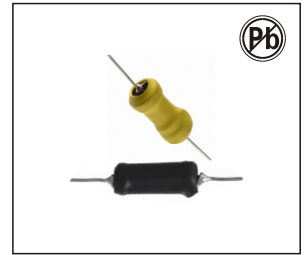
LCHA1122 SERIES

FEATURES:

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

COMMON APPLICATIONS:

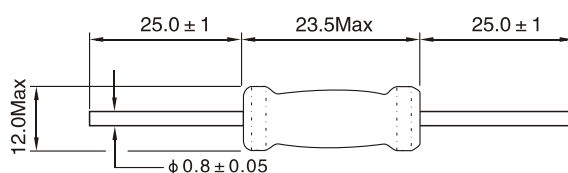
- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



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.