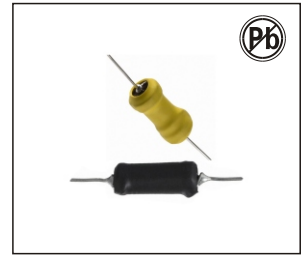


# THROUGH-HOLE AXIAL UL TUBE POWER CHOKES

## LCHA0617 SERIES



### FEATURES:

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

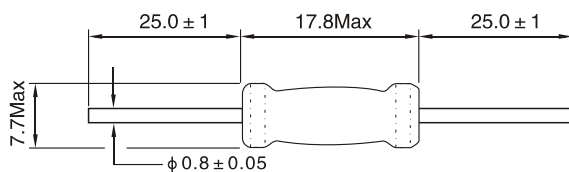
### COMMON APPLICATIONS:

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

### STANDARD SPECIFICATIONS:

Part Number LCHA0617-	L ( $\mu$ H)	DCR Max. $\Omega$ @ +20°C	I Sat A(max)	I <sub>dc</sub> 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

Note: All specifications subject to change without notice.