# THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

# LCHB1415 SERIES

## FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent heat resistance
- Excellent environmental characteristics
- High reliability

## APPLICATIONS:

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

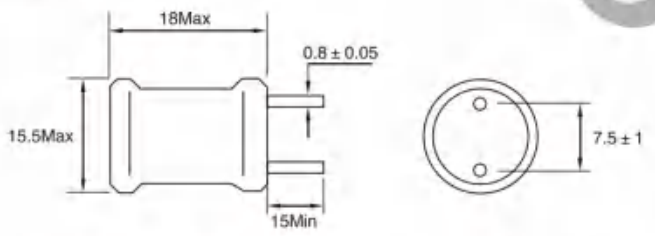
## ELECTRICAL CHARACTERISTICS:

| Part Number LCHB1415- | Inductance L(μH) @1.0KHz,0.1V | DCR(Ω) | IDC(A) | Part Number LCHB1415- | Inductance L(μH) @1.0KHz,0.1V | DCR(Ω) | IDC(A) |
|---|---|---|---|---|---|---|---|
| 100K | 10 | 0.015 | 5.0 | 122K | 1200 | 0.660 | 1.30 |
| 120K | 12 | 0.016 | 5.0 | 152K | 1500 | 0.780 | 1.0 |
| 150K | 15 | 0.017 | 5.0 | 182K | 1800 | 0.990 | 1.0 |
| 180K | 18 | 0.019 | 5.0 | 222K | 2200 | 1.20 | 0.80 |
| 220K | 22 | 0.021 | 5.0 | 272K | 2700 | 1.32 | 0.80 |
| 270K | 27 | 0.023 | 5.0 | 332K | 3300 | 1.80 | 0.62 |
| 330K | 33 | 0.027 | 4.0 | 392K | 3900 | 2.10 | 0.62 |
| 390K | 39 | 0.029 | 4.0 | 472K | 4700 | 2.70 | 0.49 |
| 470K | 47 | 0.031 | 4.0 | 562K | 5600 | 3.15 | 0.49 |
| 560K | 56 | 0.035 | 4.0 | 682K | 6800 | 3.60 | 0.49 |
| 680K | 68 | 0.041 | 4.0 | 822K | 8200 | 4.30 | 0.385 |
| 820K | 82 | 0.052 | 4.0 | 103K | 10000 | 5.15 | 0.385 |
| 101K | 100 | 0.056 | 4.0 | 123K | 12000 | 2.85 | 0.385 |
| 121K | 120 | 0.060 | 3.3 | 153K | 15000 | 8.30 | 0.30 |
| 151K | 150 | 0.078 | 3.3 | 183K | 18000 | 10.20 | 0.25 |
| 181K | 180 | 0.096 | 3.3 | 223K | 22000 | 11.70 | 0.25 |
| 221K | 220 | 0.147 | 2.6 | 273K | 27000 | 13.00 | 0.25 |
| 271K | 270 | 0.175 | 2.6 | 333K | 33000 | 18.40 | 0.19 |
| 331K | 330 | 0.192 | 2.0 | 393K | 39000 | 21.00 | 0.19 |
| 391K | 390 | 0.210 | 2.0 | 473K | 47000 | 27.00 | 0.15 |
| 471K | 470 | 0.240 | 2.0 | | | | |
| 561K | 560 | 0.315 | 1.60 | | | | |
| 681K | 680 | 0.360 | 1.60 | | | | |
| 821K | 820 | 0.460 | 1.30 | | | | |
| 102K | 1000 | 0.540 | 1.30 | | | | |

Note:1. K=±10%,M=±20%

## PHYSICAL CHARACTERISTICS:

Dimmension: mm




Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)
RDC: QuadTech 1880 Milliohmmeter
IDC Max: Lowers inductance by 10%
Operating temperature: -55℃ to +125℃
Shrink tube: Flame retardant UL type VW-1
Marking: Inductance and tolerance
Note:All specifications subject to change without notice.

SHINHOM