

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



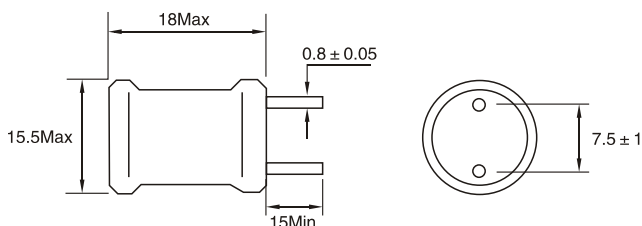
ELECTRICAL CHARACTERISTICS:

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:

Dimension: mm



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.