

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB1016 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



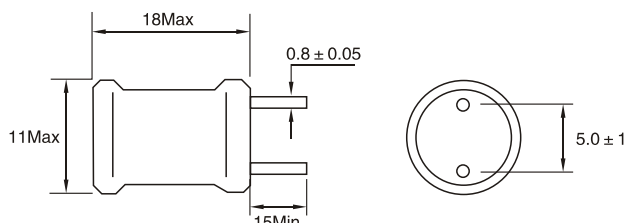
ELECTRICAL CHARACTERISTICS:

Part Number LCHB1016-	Inductance L(μH) @1.0KHz,0.1V	DCR(Ω)	IDC(A)	Part Number LCHB1016-	Inductance L(μH) @1.0KHz,0.1V	DCR(Ω)	IDC(A)
100K	10	0.031	5.0	122K	1200	1.50	0.49
120K	12	0.036	5.0	152K	1500	1.70	0.49
150K	15	0.040	5.0	182K	1800	1.80	0.385
180K	18	0.041	5.0	222K	2200	2.40	0.385
220K	22	0.043	5.0	272K	2700	2.80	0.385
270K	27	0.046	5.0	332K	3300	3.70	0.300
330K	33	0.051	3.6	392K	3900	5.00	0.250
390K	39	0.054	3.6	472K	4700	5.60	0.250
470K	47	0.063	3.6	562K	5600	6.30	0.250
560K	56	0.075	3.0	682K	6800	8.40	0.190
680K	68	0.078	3.0	822K	8200	9.60	0.190
820K	82	0.088	2.6	103K	10000	10.50	0.190
101K	100	0.108	2.0	123K	12000	14.05	0.150
121K	120	0.127	2.0	153K	15000	20.5	0.120
151K	150	0.162	1.6	183K	18000	27.5	0.095
181K	180	0.128	1.3	223K	22000	31.0	0.095
221K	220	0.252	1.3	273K	27000	35.5	0.095
271K	270	0.290	1.3	333K	33000	40.0	0.095
331K	330	0.394	1.0	393K	39000	51.0	0.095
391K	390	0.416	1.0	473K	47000	56.0	0.095
471K	470	0.568	0.8				
561K	560	0.650	0.8				
681K	680	0.740	0.8				
821K	820	1.00	0.62				
102K	1000	1.20	0.55				

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimension: 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°C to +125°C

Shrink tube: Flame retardant UL type VW-1

Marking: Inductance and tolerance

Note:All specifications subject to change without notice.