

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0406 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



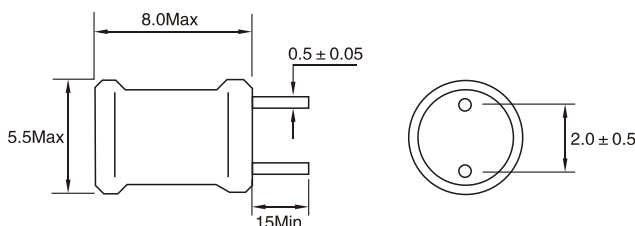
ELECTRICAL CHARACTERISTICS:

Part No.	L@1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR(Ω) Max.	Rated DC Current (mA)Max.	Part No.	L@1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR(Ω) Max.	Rated DC Current (mA)Max.
LCHB0406-1R0M	1.0	100	7.96MHz	120.00	0.035	2000	LCHB0406-151K	150.0	65	796KHz	4.20	1.300	350
LCHB0406-1R2M	1.2	100	7.96MHz	120.00	0.058	1950	LCHB0406-181K	180.0	65	796KHz	3.60	1.500	320
LCHB0406-1R5M	1.5	100	7.96MHz	120.00	0.075	1900	LCHB0406-221K	220.0	65	796KHz	2.80	1.800	300
LCHB0406-1R8M	1.8	100	7.96MHz	120.00	0.110	1800	LCHB0406-271K	270.0	50	796KHz	2.40	1.900	275
LCHB0406-2R2M	2.2	100	7.96MHz	100.00	0.120	1750	LCHB0406-331K	330.0	50	796KHz	2.20	2.200	250
LCHB0406-2R7M	2.7	100	7.96MHz	80.00	0.125	1680	LCHB0406-391K	390.0	50	796KHz	2.00	2.700	220
LCHB0406-3R3M	3.3	100	7.96MHz	75.00	0.130	1500	LCHB0406-471K	470.0	50	796KHz	1.70	3.600	200
LCHB0406-3R9M	3.9	100	7.96MHz	70.00	0.135	1450	LCHB0406-561K	560.0	50	796KHz	1.50	4.200	190
LCHB0406-4R7K	4.7	100	7.96MHz	50.00	0.140	1320	LCHB0406-681K	680.0	50	796KHz	1.30	4.600	170
LCHB0406-5R6K	5.6	100	7.96MHz	45.00	0.145	1230	LCHB0406-821K	820.0	50	796KHz	1.10	5.700	155
LCHB0406-6R8K	6.8	100	7.96MHz	30.00	0.150	1150	LCHB0406-102K	1000.0	90	252KHz	1.00	6.700	150
LCHB0406-8R2K	8.2	100	7.96MHz	22.00	0.160	1100	LCHB0406-122K	1200.0	90	252KHz	0.90	8.200	140
LCHB0406-100K	10.0	80	2.52MHz	20.00	0.230	1000	LCHB0406-152K	1500.0	80	252KHz	0.80	13.000	120
LCHB0406-120K	12.0	80	2.52MHz	17.00	0.240	970	LCHB0406-182K	1800.0	80	252KHz	0.80	15.000	110
LCHB0406-150K	15.0	80	2.52MHz	16.00	0.250	920	LCHB0406-222K	2200.0	80	252KHz	0.80	17.000	100
LCHB0406-180K	18.0	80	2.52MHz	12.00	0.330	860	LCHB0406-272K	2700.0	80	252KHz	0.80	19.000	90
LCHB0406-220K	22.0	80	2.52MHz	10.00	0.450	800	LCHB0406-332K	3300.0	70	252KHz	0.70	26.000	83
LCHB0406-270K	27.0	80	2.52MHz	9.50	0.500	710	LCHB0406-392K	3900.0	70	252KHz	0.65	30.000	76
LCHB0406-330K	33.0	80	2.52MHz	8.70	0.700	660	LCHB0406-472K	4700.0	65	252KHz		45.000	70
LCHB0406-390K	39.0	70	2.52MHz	8.20	0.740	600	LCHB0406-562K	5600.0	65	252KHz		48.000	62
LCHB0406-470K	47.0	70	2.52MHz	7.80	0.760	550	LCHB0406-682K	6800.0	65	252KHz		56.000	56
LCHB0406-560K	56.0	50	2.52MHz	7.60	0.800	500	LCHB0406-822K	8200.0	65	252KHz		62.000	52
LCHB0406-680K	68.0	50	2.52MHz	6.80	0.900	470	LCHB0406-103K	10000.0	45	79.6KHz		72.000	47
LCHB0406-820K	82.0	50	2.52MHz	6.00	0.950	430	LCHB0406-153K	15000.0	45	79.6KHz		120.000	35
LCHB0406-101K	100.0	45	796KHz	6.00	1.000	400	LCHB0406-223K	22000.0	45	79.6KHz		160.000	24
LCHB0406-121K	120.0	45	796KHz	5.50	1.100	370	LCHB0406-253K	25000.0	45	79.6KHz		180.000	20

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimmension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohmmer

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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0608 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



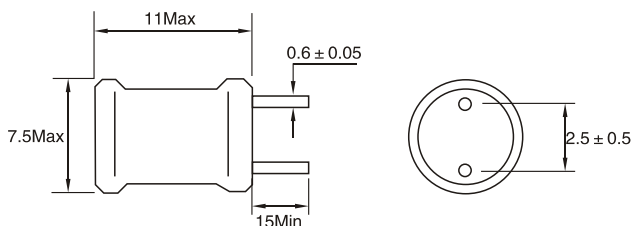
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	Q Min.	Q Test Freq.	DCR(Ω) Max.	Rated DC Current (mA)Max.	Part No.	L @ 1KHz (uH)	Q Min.	Q Test Freq.	DCR(Ω) Max.	Rated DC Current (mA)Max.
LCHB0608-3R3K	3.3	20	7.96MHz	0.016	3500	LCHB0608-392K	3900.0	70	252kHz	11.700	105
LCHB0608-4R7K	4.7	20	7.96MHz	0.020	3000	LCHB0608-472K	4700.0	70	252kHz	13.600	95
LCHB0608-6R8K	6.8	20	7.96MHz	0.022	2500	LCHB0608-562K	5600.0	70	252kHz	16.600	85
LCHB0608-100K	10.0	30	2.52MHz	0.039	2000	LCHB0608-682K	6800.0	70	252kHz	19.600	80
LCHB0608-150K	15.0	30	2.52MHz	0.045	1700	LCHB0608-822K	8200.0	70	252kHz	25.200	70
LCHB0608-220K	22.0	30	2.52MHz	0.062	1400	LCHB0608-103K	10000.0	70	79.6kHz	29.500	65
LCHB0608-330K	33.0	30	2.52MHz	0.100	1100	LCHB0608-123K	12000.0	50	79.6kHz	33.800	60
LCHB0608-470K	47.0	30	2.52MHz	0.150	950	LCHB0608-153K	15000.0	50	79.6kHz	45.400	55
LCHB0608-680K	68.0	30	2.52MHz	0.220	800	LCHB0608-183K	18000.0	50	79.6kHz	50.400	50
LCHB0608-101K	100.0	20	796kHz	0.350	650	LCHB0608-223K	22000.0	50	79.6kHz	80.000	45
LCHB0608-151K	150.0	20	796kHz	0.430	540	LCHB0608-303K	30000.0	50	79.6kHz	91.500	40
LCHB0608-221K	220.0	20	796kHz	0.900	440	LCHB0608-333K	33000.0	50	79.6kHz	98.500	35
LCHB0608-331K	330.0	20	796kHz	1.500	360	LCHB0608-393K	39000.0	50	79.6kHz	140.000	32
LCHB0608-471K	470.0	20	796kHz	1.800	300	LCHB0608-473K	47000.0	50	79.6kHz	160.000	30
LCHB0608-681K	680.0	20	796kHz	2.500	250	LCHB0608-503K	50000.0	50	79.6kHz	170.000	29
LCHB0608-102K	1000.0	100	252kHz	3.200	200	LCHB0608-563K	56000.0	50	79.6kHz	250.000	28
LCHB0608-122K	1200.0	70	252kHz	3.500	180	LCHB0608-683K	68000.0	50	79.6kHz	282.000	25
LCHB0608-152K	1500.0	70	252kHz	4.500	170	LCHB0608-823K	82000.0	50	79.6kHz	312.000	23
LCHB0608-182K	1800.0	70	252kHz	5.000	155	LCHB0608-104K	100000.0	30	25.2kHz	380.000	20
LCHB0608-222K	2200.0	70	252kHz	6.800	140	LCHB0608-124K	120000.0	30	25.2kHz	430.000	18
LCHB0608-272K	2700.0	70	252kHz	7.200	125	LCHB0608-154K	150000.0	30	25.2kHz	520.000	16
LCHB0608-332K	3300.0	70	252kHz	10.500	115						

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimmension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)
RDC: QuadTech 1880 Milliohmometer
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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0707 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



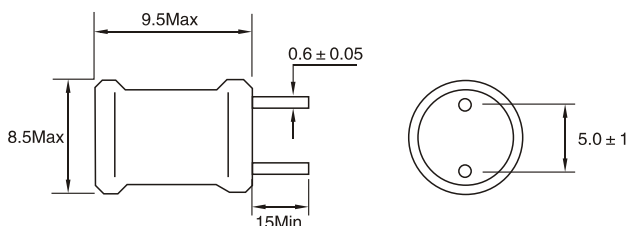
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated Current (A)Max.	
						I sat	I rms
LCHB0707-1R0M	1.0	10	7.96MHz	70.0	0.006	6.60	5.00
LCHB0707-1R5M	1.5	10	7.96MHz	56.0	0.008	5.40	4.30
LCHB0707-2R2M	2.2	10	7.96MHz	45.0	0.011	4.00	3.70
LCHB0707-3R3M	3.3	10	7.96MHz	36.0	0.018	3.60	2.90
LCHB0707-4R7M	4.7	10	7.96MHz	29.0	0.022	3.10	2.60
LCHB0707-6R8M	6.8	10	7.96MHz	24.0	0.028	2.50	2.30
LCHB0707-100K	10.0	20	2.52MHz	19.0	0.043	2.10	1.90
LCHB0707-150K	15.0	20	2.52MHz	15.0	0.056	1.70	1.60
LCHB0707-220K	22.0	20	2.52MHz	12.0	0.086	1.40	1.30
LCHB0707-330K	33.0	20	2.52MHz	9.4	0.140	1.10	1.00
LCHB0707-470K	47.0	20	2.52MHz	7.6	0.170	0.96	0.94
LCHB0707-680K	68.0	20	2.52MHz	6.2	0.280	0.79	0.73
LCHB0707-101K	100.0	20	796kHz	5.0	0.330	0.66	0.67
LCHB0707-151K	150.0	20	796kHz	4.0	0.560	0.53	0.52
LCHB0707-221K	220.0	20	796kHz	3.2	0.720	0.44	0.46
LCHB0707-331K	330.0	20	796kHz	2.5	1.100	0.36	0.37
LCHB0707-471K	470.0	20	796kHz	2.0	1.700	0.30	0.30
LCHB0707-681K	680.0	20	796kHz	1.7	2.300	0.25	0.26
LCHB0707-102K	1000.0	70	252kHz	1.3	4.300	0.20	0.19
LCHB0707-152K	1500.0	50	252kHz	1.3	5.000	0.17	0.16

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)
RDC: QuadTech 1880 Milliohmmer
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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0806 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



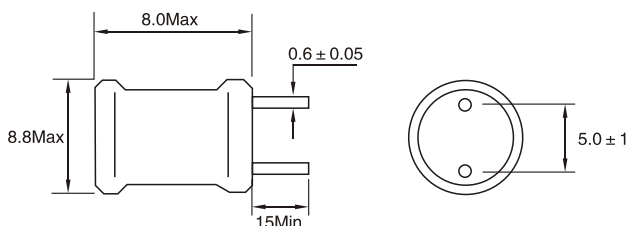
ELECTRICAL CHARACTERISTICS:

Part Number LCHB0806-	Marking	Inductance L(μ H) @1.0KHz,0.1V	DCR(Ω)	IDC(A)
220K	220	22	0.11	1.27
270K	270	27	0.14	1.14
330K	330	33	0.17	1.03
390K	390	39	0.19	0.95
470K	470	47	0.23	0.87
560K	560	56	0.26	0.80
680K	680	68	0.28	0.72
820K	820	82	0.39	0.66
101K	101	100	0.43	0.59
121K	121	120	0.54	0.54
151K	151	150	0.64	0.48
181K	181	180	0.74	0.44
221K	221	220	0.96	0.40
271K	271	270	1.12	0.36
331K	331	330	1.48	0.33
391K	391	390	1.66	0.30
471K	471	470	1.91	0.27
561K	561	560	2.31	0.25
681K	681	680	2.67	0.23
821K	821	820	3.10	0.21
102K	102	1000	4.45	0.19

Note:1. K= $\pm$ 10%,M= $\pm$ 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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0807 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



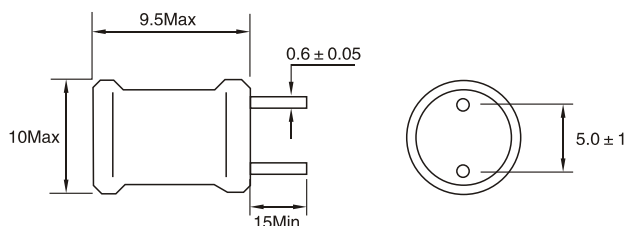
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated Current (A)Max.	
						I sat	I rms
LCHB0807-2R2M	2.2	10	7.96MHz	60.0	0.011	5.50	4.00
LCHB0807-3R3M	3.3	10	7.96MHz	38.0	0.013	3.80	3.40
LCHB0807-4R7M	4.7	10	7.96MHz	30.0	0.017	3.70	3.00
LCHB0807-6R8M	6.8	10	7.96MHz	24.0	0.023	2.80	2.60
LCHB0807-100K	10.0	20	2.52MHz	19.0	0.031	2.50	2.20
LCHB0807-150K	15.0	20	2.52MHz	15.0	0.042	2.00	1.90
LCHB0807-220K	22.0	20	2.52MHz	12.0	0.070	1.60	1.50
LCHB0807-330K	33.0	20	2.52MHz	10.0	0.092	1.30	1.20
LCHB0807-470K	47.0	20	2.52MHz	8.2	0.130	1.10	1.00
LCHB0807-680K	68.0	20	2.52MHz	6.6	0.160	0.91	0.97
LCHB0807-101K	100.0	15	796kHz	5.4	0.230	0.75	0.81
LCHB0807-151K	150.0	15	796kHz	4.3	0.400	0.61	0.61
LCHB0807-221K	220.0	15	796kHz	3.5	0.530	0.50	0.53
LCHB0807-331K	330.0	15	796kHz	2.8	0.780	0.41	0.44
LCHB0807-471K	470.0	10	796kHz	2.3	1.000	0.34	0.39
LCHB0807-681K	680.0	10	796kHz	1.9	1.500	0.28	0.32
LCHB0807-102K	1000.0	20	252kHz	1.5	2.200	0.23	0.26
LCHB0807-152K	1500.0	30	252kHz	1.2	3.500	0.18	0.21

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohmmer

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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0810 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:

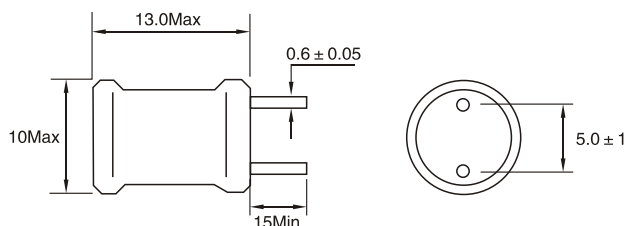
Part No.	L@1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated DC Current (mA)Max.
LCHB0810-3R3M	3.3	30	7.96MHz	65.00	0.012	5000
LCHB0810-3R9K	3.9	30	7.96MHz	55.00	0.014	4600
LCHB0810-4R7K	4.7	30	7.96MHz	45.00	0.016	4300
LCHB0810-5R6K	5.6	30	7.96MHz	38.00	0.020	3900
LCHB0810-6R8K	6.8	30	7.96MHz	27.00	0.022	3700
LCHB0810-8R2K	8.2	30	7.96MHz	21.00	0.024	3500
LCHB0810-100K	10.0	50	2.52MHz	17.00	0.025	3200
LCHB0810-120K	12.0	50	2.52MHz	15.00	0.027	3000
LCHB0810-150K	15.0	50	2.52MHz	13.00	0.033	2800
LCHB0810-180K	18.0	50	2.52MHz	12.00	0.039	2600
LCHB0810-220K	22.0	50	2.52MHz	11.00	0.047	2400
LCHB0810-270K	27.0	50	2.52MHz	10.00	0.052	2100
LCHB0810-330K	33.0	50	2.52MHz	8.50	0.075	1900
LCHB0810-390K	39.0	40	2.52MHz	7.70	0.082	1700
LCHB0810-470K	47.0	40	2.52MHz	6.70	0.100	1500
LCHB0810-560K	56.0	40	2.52MHz	6.40	0.150	1300
LCHB0810-680K	68.0	30	2.52MHz	5.80	0.180	1200
LCHB0810-820K	82.0	30	2.52MHz	5.20	0.200	1100
LCHB0810-101K	100.0	30	796kHz	4.40	0.200	900
LCHB0810-121K	120.0	30	796kHz	4.20	0.220	800
LCHB0810-151K	150.0	30	796kHz	3.70	0.240	720
LCHB0810-181K	180.0	30	796kHz	3.50	0.280	650
LCHB0810-221K	220.0	20	796kHz	3.30	0.350	600

Part No.	L@1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated DC Current (mA)Max.
LCHB0810-271K	270.0	20	796kHz	2.90	0.400	550
LCHB0810-331K	330.0	20	796kHz	2.60	0.470	500
LCHB0810-391K	390.0	20	796kHz	2.40	0.680	460
LCHB0810-471K	470.0	20	796kHz	2.20	0.800	420
LCHB0810-561K	560.0	20	796kHz	2.00	1.000	380
LCHB0810-681K	680.0	20	796kHz	1.80	1.200	350
LCHB0810-821K	820.0	20	796kHz	1.70	1.500	310
LCHB0810-102K	1000.0	40	252kHz	1.50	1.800	280
LCHB0810-122K	1200.0	40	252kHz	1.40	2.000	250
LCHB0810-152K	1500.0	40	252kHz	1.30	2.400	230
LCHB0810-182K	1800.0	40	252kHz	1.10	2.800	210
LCHB0810-222K	2200.0	40	252kHz	1.00	3.300	190
LCHB0810-272K	2700.0	40	252kHz	0.88	5.000	170
LCHB0810-332K	3300.0	40	252kHz	0.78	5.600	150
LCHB0810-392K	3900.0	40	252kHz	0.72	6.200	140
LCHB0810-472K	4700.0	40	252kHz	0.65	7.000	130
LCHB0810-562K	5600.0	40	252kHz	0.58	9.100	120
LCHB0810-682K	6800.0	40	252kHz	0.55	10.000	110
LCHB0810-822K	8200.0	20	252kHz	0.50	15.000	100
LCHB0810-103K	10000.0	20	79.6kHz	0.42	24.000	90
LCHB0810-473K	47000.0	60	79.6kHz	0.20	80.000	40
LCHB0810-104K	100000.0	20	79.6kHz	0.14	180.000	28

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)
RDC: QuadTech 1880 Milliohmmer
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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB0912 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



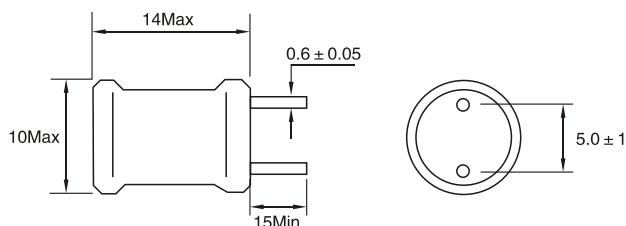
ELECTRICAL CHARACTERISTICS:

Part Number LCHB0912-	Marking	Inductance L(μ H) @1.0KHz,0.1V	DCR(Ω)	IDC(A)
100K	100	10	0.027	4.5
120K	120	12	0.031	4.1
150K	150	15	0.036	3.7
180K	180	18	0.049	3.4
220K	220	22	0.055	3.1
270K	270	27	0.062	2.8
330K	330	33	0.079	2.5
390K	390	39	0.087	2.3
470K	470	47	0.099	2.1
560K	560	56	0.13	1.9
680K	680	68	0.14	1.7
820K	820	82	0.16	1.6
101K	101	100	0.21	1.4
121K	121	120	0.24	1.3
151K	151	150	0.32	1.2
181K	181	180	0.35	1.1
221K	221	220	0.45	0.96
271K	271	270	0.61	0.87
331K	331	330	0.69	0.79
391K	391	390	0.78	0.72
471K	471	470	1.0	0.66
561K	561	560	1.2	0.60
681K	681	680	1.4	0.55
821K	821	820	1.8	0.50
102K	102	1000	2.1	0.45

Note:1. K= $\pm$ 10%,M= $\pm$ 20%

PHYSICAL CHARACTERISTICS:

Dimmension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)
RDC: QuadTech 1880 Milliohmmer
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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB1010 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



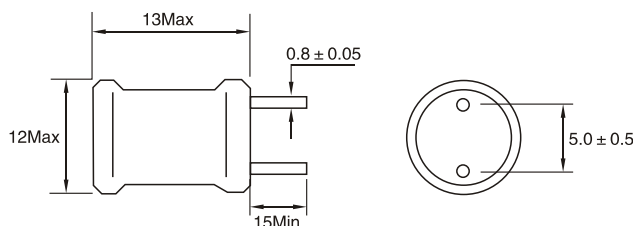
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated Current (A)Max.	
						I sat	I rms
LCHB1010-3R3M	3.3	10	7.96MHz	36	0.010	8.8	5.9
LCHB1010-4R7M	4.7	10	7.96MHz	28	0.015	7.2	4.8
LCHB1010-6R8M	6.8	10	7.96MHz	18	0.016	6.1	4.6
LCHB1010-100M	10	20	2.52MHz	16	0.025	5.0	3.7
LCHB1010-150M	15	20	2.52MHz	12	0.029	4.2	3.4
LCHB1010-220K	22	20	2.52MHz	9.5	0.040	3.4	2.9
LCHB1010-330K	33	30	2.52MHz	7.0	0.062	2.8	2.3
LCHB1010-470K	47	30	2.52MHz	5.8	0.075	2.3	2.1
LCHB1010-680K	68	20	2.52MHz	4.7	0.130	1.9	1.6
LCHB1010-101K	100	20	796kHz	3.8	0.160	1.6	1.4
LCHB1010-151K	150	20	796kHz	3.1	0.260	1.3	1.1
LCHB1010-221K	220	20	796kHz	2.5	0.330	1.1	1.0
LCHB1010-331K	330	20	796kHz	2.0	0.520	0.88	0.82
LCHB1010-471K	470	10	796kHz	1.6	0.660	0.75	0.72
LCHB1010-681K	680	10	796kHz	1.3	1.100	0.61	0.56
LCHB1010-102K	1000	20	252kHz	1.1	1.400	0.51	0.50
LCHB1010-152K	1500	30	252kHz	0.82	2.400	0.43	0.38
LCHB1010-222K	2200	20	252kHz	0.76	3.200	0.35	0.33
LCHB1010-332K	3300	20	252kHz	0.64	4.900	0.28	0.26
LCHB1010-472K	4700	20	252kHz	0.54	7.600	0.24	0.21
LCHB1010-682K	6800	20	252kHz	0.45	9.800	0.20	0.18
LCHB1010-103K	10000	20	79.6kHz	0.38	18.000	0.17	0.14
LCHB1010-153K	15000	50	79.6kHz	0.29	24.000	0.13	0.12

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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB1012 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



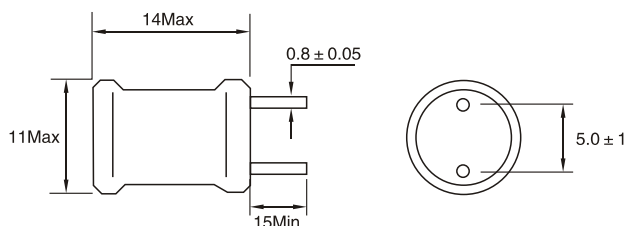
ELECTRICAL CHARACTERISTICS:

Part Number LCHB1012-	Marking	Inductance L(μ H) @1.0KHz,0.1V	DCR(Ω)	IDC(A)
100K	100	10	0.022	5.3
120K	120	12	0.023	4.9
150K	150	15	0.026	4.4
180K	180	18	0.033	4.0
220K	220	22	0.037	3.6
270K	270	27	0.048	3.3
330K	330	33	0.055	2.9
390K	390	39	0.073	2.7
470K	470	47	0.083	2.5
560K	560	56	0.092	2.3
680K	680	68	0.12	2.1
820K	820	82	0.14	1.9
101K	101	100	0.16	1.7
121K	121	120	0.20	1.5
151K	151	150	0.23	1.4
181K	181	180	0.31	1.3
221K	221	220	0.34	1.1
271K	271	270	0.40	1.0
331K	331	330	0.52	0.93
391K	391	390	0.65	0.86
471K	471	470	0.71	0.78
561K	561	560	1.0	0.71
681K	681	680	1.0	0.65
821K	821	820	1.3	0.59
102K	102	1000	1.7	0.53

Note:1. K= $\pm$ 10%,M= $\pm$ 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.

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



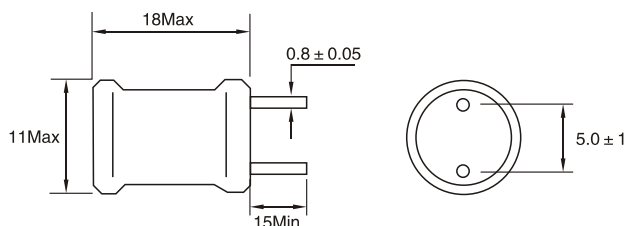
ELECTRICAL CHARACTERISTICS:

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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB1018 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



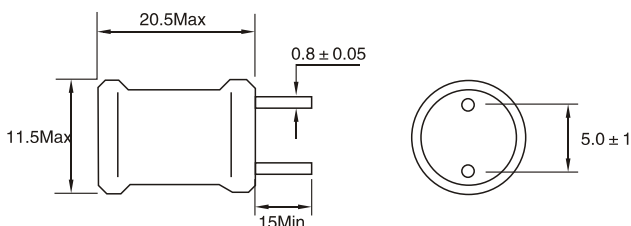
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	DCR(Ω) Max.	Rated Current (A)Max.	
			I sat	I rms
LCHB1018-4R7K	4.7	0.008	10.00	6.00
LCHB1018-6R8K	6.8	0.011	8.00	5.50
LCHB1018-100K	10.0	0.017	7.00	4.50
LCHB1018-150K	15.0	0.022	5.50	4.00
LCHB1018-220K	22.0	0.026	4.50	3.70
LCHB1018-330K	33.0	0.032	3.80	3.30
LCHB1018-470K	47.0	0.035	3.20	3.00
LCHB1018-680K	68.0	0.047	2.60	2.60
LCHB1018-101K	100.0	0.090	2.20	2.00
LCHB1018-151K	150.0	0.129	1.80	1.60
LCHB1018-221K	220.0	0.162	1.50	1.50
LCHB1018-331K	330.0	0.212	1.20	1.20
LCHB1018-471K	470.0	0.380	1.00	1.00
LCHB1018-681K	680.0	0.548	0.84	0.84
LCHB1018-102K	1000.0	0.844	0.66	0.66
LCHB1018-152K	1500.0	1.180	0.55	0.55
LCHB1018-222K	2200	2.000	0.46	0.44
LCHB1018-332K	3300	2.530	0.38	0.38
LCHB1018-472K	4700	3.190	0.32	0.32
LCHB1018-682K	6800	5.690	0.26	0.25
LCHB1018-103K	10000	7.300	0.22	0.22
LCHB1018-153K	15000	10.500	0.18	0.18
LCHB1018-223K	22000	21.800	0.14	0.13
LCHB1018-333K	33000	25.700	0.12	0.12
LCHB1018-473K	47000	36.100	0.10	0.10
LCHB1018-683K	68000	57.300	0.08	0.08
LCHB1018-104K	100000	89.700	0.06	0.06

Note:1. K= ± 10%,M= ± 20%

PHYSICAL CHARACTERISTICS:

Dimension: mm



Testing:LCR Bridge measured @ 1KHz 0.1V HP 4284A
(Equivalent acceptable)

RDC: QuadTech 1880 Milliohmmer

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.

THROUGH-HOLE RADIAL UL TUBE POWER CHOKES

LCHB1213 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



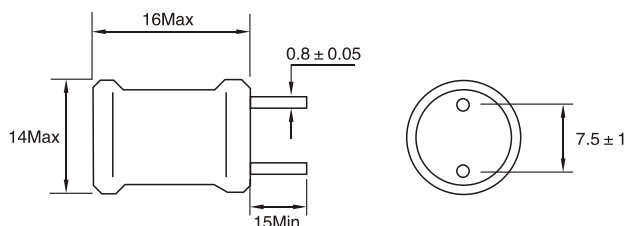
ELECTRICAL CHARACTERISTICS:

Part No.	L @ 1KHz (uH)	DCR(Ω) Max.	Rated Current (A)Max.	
			I sat	I rms
LCHB1213-100M	10	0.023	8.00	5.10
LCHB1213-150K	15	0.028	6.50	4.50
LCHB1213-220K	22	0.035	5.50	4.20
LCHB1213-330K	33	0.043	4.50	3.70
LCHB1213-470K	47	0.052	3.60	3.40
LCHB1213-680K	68	0.068	3.10	3.00
LCHB1213-101K	100	0.097	2.60	2.50
LCHB1213-151K	150	0.140	2.10	2.10
LCHB1213-221K	220	0.200	1.70	1.70
LCHB1213-331K	330	0.300	1.40	1.40
LCHB1213-471K	470	0.430	1.10	1.10
LCHB1213-681K	680	0.610	0.95	0.99
LCHB1213-102K	1000	1.000	0.78	0.79
LCHB1213-152K	1500	0.300	0.64	0.68
LCHB1213-222K	2200	2.000	0.53	0.55
LCHB1213-332K	3300	3.100	0.43	0.44
LCHB1213-472K	4700	4.400	0.36	0.37
LCHB1213-682K	6800	6.500	0.30	0.30
LCHB1213-103K	10000	10.000	0.24	0.24

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.

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



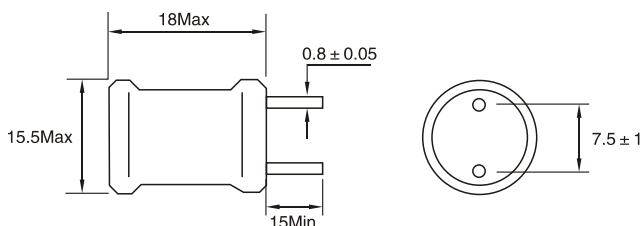
ELECTRICAL CHARACTERISTICS:

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 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.