

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



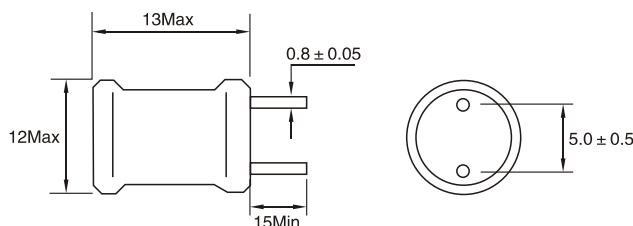
ELECTRICAL CHARACTERISTICS:

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.