

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:

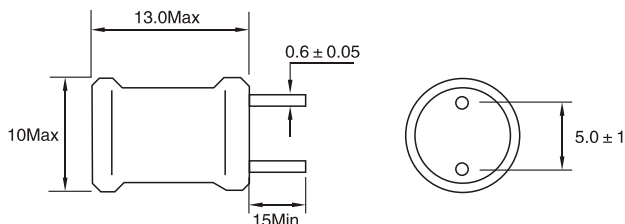
Part No.	L@1KHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR(Ω) Max.	Rated DC Current (mA)Max.
LCHB0810-3R3M	3.3	30	7.96MHz	65.00	0.012	5000
LCHB0810-3R9K	3.9	30	7.96MHz	55.00	0.014	4600
LCHB0810-4R7K	4.7	30	7.96MHz	45.00	0.016	4300
LCHB0810-5R6K	5.6	30	7.96MHz	38.00	0.020	3900
LCHB0810-6R8K	6.8	30	7.96MHz	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.