

# 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

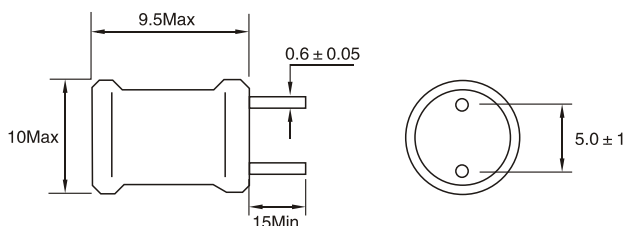
### ELECTRICAL CHARACTERISTICS:

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 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.