

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

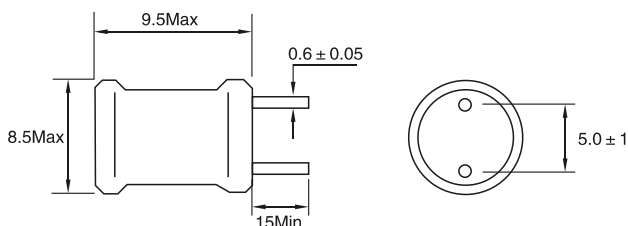
ELECTRICAL CHARACTERISTICS:

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.