

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



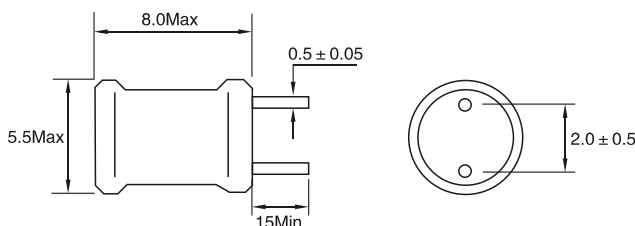
ELECTRICAL CHARACTERISTICS:

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:

Dimension: 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.