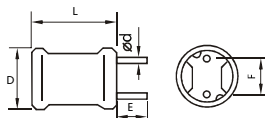


SH-CHB SERIES 0304,0406,0608,0806,0810,0912,1012,1016,1215,1415,1419,1618 THROUGH-HOLE RADIAL UL TUBE POWER CHOKES



TECHNICAL INFORMATION:

- Testing: LCR Bridge measured @ 1KHz 0.1V HP 4284A (Equivalent acceptable)
- RDC: QuadTech 1880 Milliohm meter
- 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.

Part Number	D	L	E	F	φd
SH-CHB0406	5.7	7.3	5/15	2	0.5
SH-CHB0608	7.2	9.5	5/15	3	0.6
SH-CHB0806	8.8	8.0	5/15	5	0.6
SH-CHB0810	8.8	12.0	5/15	5	0.6
SH-CHB0912	10.0	14	5/15	5	0.6
SH-CHB1012	11.0	14	5/15	5	0.8
SH-CHB1016	11.0	18	5/15	5.0	0.8
SH-CHB1415	15.5	18	5/15	7.5	1.0

dimension(mm)

FEATURES:

- Wire-wound Construction
- Polyolefin Shrink Tubing
- Excellent heat resistance
- Excellent environmental characteristics
- High reliability

- Packaging: Bulk is standard
- Tolerance: 10% is standard, tighter tolerances available

Applications:

- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

STANDARD SPECIFICATIONS:

Part No. SH-CHB-XXXX-	Inductance (μH)	IDC(A)								DCR(Ω)Max.							
		0406	0608	0806	0810	0912	1012	1016	1415	0406	0608	0806	0810	0912	1012	1016	1415
100K	10	0.620	1.3		2.6	4.5	5.3	5.0	5.0	0.060	0.041		0.04	0.027	0.022	0.031	0.015
120K	12	0.620	1.3		2.6	4.1	4.9	5.0	5.0	0.072	0.046		0.04	0.031	0.023	0.036	0.016
150K	15	0.620	1.3		2.1	3.7	4.4	5.0	5.0	0.078	0.050		0.05	0.036	0.026	0.040	0.017
180K	18	0.490	1.0		2.0	3.4	4.0	5.0	5.0	0.108	0.062		0.05	0.049	0.033	0.041	0.019
220K	22	0.385	1.0	1.27	1.7	3.1	3.6	5.0	5.0	0.144	0.071	0.11	0.06	0.055	0.037	0.043	0.021
270K	27	0.300	1.0	1.14	1.6	2.8	3.3	5.0	5.0	0.168	0.073	0.14	0.06	0.062	0.048	0.046	0.023
330K	33	0.300	0.8	1.03	1.4	2.5	2.9	3.6	4.0	0.200	0.090	0.17	0.07	0.079	0.055	0.051	0.027
390K	39	0.300	0.8	0.95	1.4	2.3	2.7	3.6	4.0	0.220	0.102	0.19	0.08	0.087	0.073	0.054	0.029
470K	47	0.300	0.8	0.87	1.3	2.1	2.5	3.6	4.0	0.240	0.120	0.23	0.10	0.099	0.083	0.063	0.031
560K	56	0.300	0.62	0.80	1.2	1.9	2.3	3.0	4.0	0.265	0.162	0.26	0.11	0.13	0.092	0.075	0.035
680K	68	0.250	0.62	0.72	1.1	1.7	2.1	3.0	4.0	0.380	0.186	0.28	0.14	0.14	0.12	0.078	0.041
820K	82	0.250	0.49	0.66	1.0	1.6	1.9	2.6	4.0	0.445	0.240	0.39	0.16	0.16	0.14	0.088	0.052
101K	100	0.190	0.49	0.59	0.90	1.4	1.7	2.0	4.0	0.590	0.270	0.43	0.19	0.21	0.16	0.108	0.056
121K	120	0.190	0.49	0.54	0.82	1.3	1.5	2.0	3.3	0.640	0.310	0.54	0.22	0.24	0.20	0.127	0.060
151K	150	0.190	0.49	0.48	0.74	1.2	1.4	1.6	3.3	0.730	0.372	0.64	0.27	0.32	0.23	0.162	0.078
181K	180	0.190	0.385	0.44	0.71	1.1	1.3	1.3	3.3	0.850	0.456	0.74	0.31	0.35	0.31	0.128	0.096
221K	220	0.150	0.385	0.40	0.64	0.96	1.1	1.3	2.6	1.20	0.535	0.96	0.38	0.45	0.34	0.252	0.147
271K	270	0.150	0.385	0.36	0.57	0.87	1.0	1.3	2.6	1.32	0.625	1.12	0.53	0.61	0.40	0.290	0.175
331K	330	0.120	0.300	0.33	0.51	0.79	0.93	1.0	2.0	1.75	0.816	1.48	0.61	0.69	0.52	0.394	0.192
391K	390	0.120	0.250	0.30	0.48	0.72	0.86	1.0	2.0	1.95	1.0	1.66	0.69	0.78	0.65	0.416	0.210
471K	470	0.120	0.250	0.27	0.43	0.66	0.78	0.8	2.0	2.00	1.2	1.91	0.89	1.0	0.71	0.568	0.240
561K	560	0.095	0.250	0.25	0.40	0.60	0.71	0.8	1.60	2.90	1.3	2.31	1.01	1.2	1.0	0.650	0.315
681K	680	0.095	0.190	0.23	0.35	0.55	0.65	0.8	1.60	3.10	1.8	2.67	1.81	1.4	1.0	0.740	0.360
821K	820	0.076	0.190	0.21	0.32	0.50	0.59	0.62	1.30	4.30	2.1	3.10	1.57	1.8	1.3	1.00	0.460
102K	1000	0.060	0.150	0.19	0.30	0.45	0.53	0.55	1.30	5.50	3.0	4.45	1.84	2.1	1.7	1.20	0.540
122K	1200	0.060	0.150		0.27			0.49	1.30	6.30	3.3		2.10			1.50	0.660
152K	1500	0.060	0.150		0.23			0.49	1.0	7.20	3.5		2.80			1.70	0.780
182K	1800	0.046	0.120		0.21			0.385	1.0	9.60	5.7		3.21			1.80	0.990
222K	2200	0.046	0.095		0.19			0.385	0.80	11.5	6.2		4.21			2.40	1.20
272K	2700	0.046	0.095		0.17			0.385	0.80	13.0	7.6		4.94			2.80	1.32
332K	3300	0.036	0.095		0.15			0.300	0.62	17.0	8.5		6.16			3.70	1.80
392K	3900	0.036	0.076		0.14			0.250	0.62	19.0	10.3		6.84			5.00	2.10
472K	4700	0.030	0.076		0.13			0.250	0.49	24.0	11.3		7.89			5.60	2.70
562K	5600	0.030	0.076		0.12			0.250	0.49	29.0	13.0		11.5			6.30	3.15
682K	6800	0.024	0.060		0.11			0.190	0.49	42.0	17.0		13.2			8.40	3.60
822K	8200	0.018	0.060		0.10			0.190	0.385	48.0	20.0		15.2			9.60	4.30
103K	10000	0.018	0.046		0.089			0.190	0.385	55.0	27.0		22.0			10.50	5.15
123K	12000	0.018	0.046		0.073			0.150	0.385	64.0	31.0		25.0			14.05	2.85
153K	15000	0.015	0.036		0.068			0.120	0.30	82.0	45.0		29.0			20.5	8.30
183K	18000	0.015	0.036		0.066			0.095	0.25	96.0	51.0		38.1			27.5	10.20
223K	22000	0.015	0.030		0.059			0.095	0.25	110.0	60.0		44.9			31.0	11.70
273K	27000		0.030		0.052			0.095	0.25		66.0		55.7			35.5	13.00
333K	33000		0.030		0.048			0.095	0.19		100.0		64.2			40.0	18.40
393K	39000				0.042			0.095	0.19				74.2			51.0	21.00
473K	47000				0.038			0.095	0.15				96.4			56.0	27.00

Note: 1. K=±10%, M=±20%