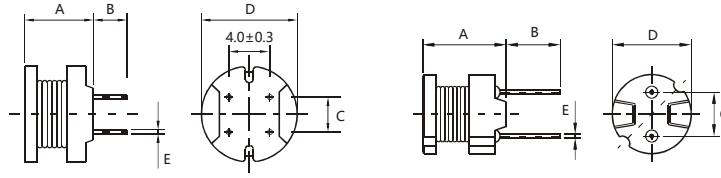


SH-CH4W SERIES 1006,1008,1010,1014 THROUGH-HOLE RADIAL POWER CHOKES



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.

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

TECHNICAL INFORMATION:

- Testing: LCR Bridge measured @ 1KHz
- (Equivalent acceptable)
- RDC: QuadTech 1880 Milliohm meter
- IDC Max: Lowers inductance by 10%
- Operating temperature: -55°C to +125°C
- Marking: Inductance and tolerance

Note: All specifications subject to change without notice.

Part Number	A	B	C	D	E
SH-CH4W1006	6.5Max	3.5±1.0	5.0±0.3	10.5Max	0.7
SH-CH4W1008	8.5Max	3.5±1.0	5.0±0.3	10.5Max	0.7
SH-CH4W1010	10.5Max	3.5±1.0	5.0±0.3	10.5Max	0.7
SH-CH1014	14.4Max	5.0±1.0	5.0±0.3	10.5Max	0.7
SH-CH4W1014	14.4Max	5.0±1.0	5.0±0.3	10.5Max	0.7

dimension(mm)

STANDARD SPECIFICATIONS:

Part number SH-CHB-xxxx-	Inductance (µH)	DC R(Ω)Max.				IDC(A)				Part number SH-CHB-xxxx-	Inductance (µH)	DC R(Ω)Max.		IDC(A)
		1006	1008	1010	1014	1006	1008	1010	1014			1014	1014	
6R3M	6.3				0.260				4.30	122K	1200	2.20	0.46	
7R5M	7.5				0.290				4.20	152K	1500	2.50	0.41	
100M	10				0.033	3.60	4.50	5.30	4.00	182K	1800	2.90	0.36	
120M	12	0.044	0.031	0.023	0.035	3.30	4.10	4.90	3.90	222K	2200	3.20	0.32	
150M	15	0.058	0.035	0.026	0.039	2.90	3.70	4.40	3.70	272K	2700	3.70	0.29	
180M	18	0.064	0.049	0.033	0.047	2.70	3.40	4.00	3.50	332K	3300	5.00	0.27	
220M	22	0.088	0.055	0.037	0.051	2.40	3.10	3.60	3.30	392K	3900	5.60	0.25	
270M	27	0.100	0.062	0.048	0.057	2.20	2.80	3.30	3.10	472K	4700	7.40	0.23	
330M	33	0.110	0.079	0.055	0.064	2.00	2.50	2.90	2.90	562K	5600	8.20	0.21	
390M	39	0.140	0.087	0.073	0.074	1.80	2.30	2.70	2.70	682K	6800	11.9	0.19	
470M	47	0.160	0.099	0.083	0.083	1.70	2.10	2.50	2.50	822K	8200	14.0	0.17	
560M	56	0.190	0.130	0.092	0.104	1.50	1.90	2.30	2.30	103K	10000	16.0	0.16	
680M	68	0.220	0.140	0.120	0.117	1.40	1.70	2.10	2.10	123K	12000	21.0	0.15	
820M	82	0.290	0.160	0.140	0.130	1.30	1.60	1.90	1.90	153K	15000	24.0	0.14	
101K	100	0.320	0.210	0.160	0.143	1.30	1.40	1.70	1.70	183K	18000	27.0	0.13	
121K	120	0.380	0.240	0.200	0.195	1.20	1.30	1.50	1.50	223K	22000	34.0	0.12	
151K	150	0.500	0.320	0.230	0.221	1.00	1.20	1.40	1.40	273K	27000	39.0	0.11	
181K	180	0.560	0.350	0.310	0.260	0.84	1.10	1.30	1.30	333K	33000	51.0	0.10	
221K	220	0.780	0.450	0.340	0.350	0.76	0.96	1.10	1.20	393K	39000	58.0	0.09	
271K	270	0.920	0.610	0.400	0.390	0.69	0.87	1.00	1.10					
331K	330	1.10	0.690	0.520	0.520	0.62	0.79	0.93	1.00					
391K	390	1.30	0.780	0.650	0.570	0.57	0.72	0.86	0.92					
471K	470	1.50	1.00	0.710	0.650	0.52	0.66	0.78	0.84					
561K	560	1.90	1.20	1.00	0.790	0.48	0.60	0.71	0.75					
681K	680	2.20	1.40	1.10	0.960	0.43	0.55	0.65	0.69					
821K	820	2.60	1.80	1.30	1.22	0.40	0.50	0.59	0.62					
102K	1000	3.20	2.10	1.70	1.60	0.36	0.45	0.53	0.52					

Note: 1. K=±10%, M=±20%