

东莞市祥如电子有限公司

● FEATURES 特性

Various high power inductors are superior to be high saturation for surface mounting.
具有高功率、高饱和电流、低阻抗、小型化之特性。

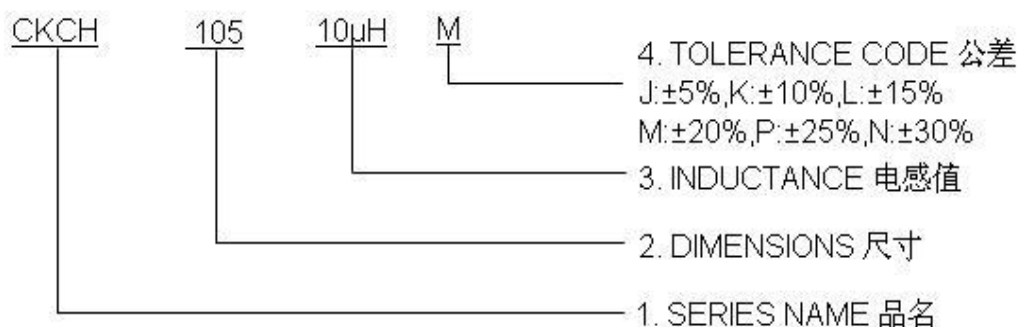


● APPLICATIONS 用途

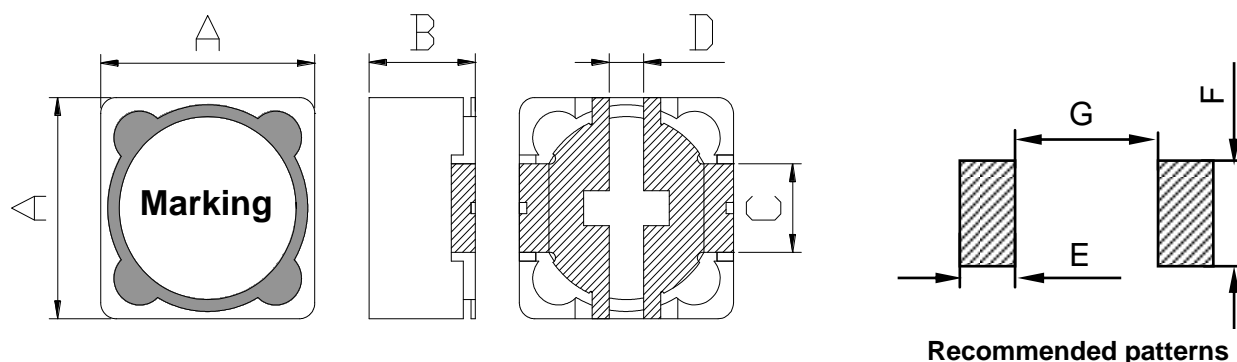
Power supply for TVR,OA equipment Digital camera,LCD television set notebook PC,
portable communication equipments,DC/DC converters,etc.

录影机，OA仪器，数码相机，液晶电视，笔记本电脑，小型通信设备，DC/DC转换器。

● PART NUMBERING SYSTEM 品名系统



● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)



TYPE(型号)	A (Max)	B (Max)	C (Ref.)	D (Ref.)	E	F	G
CKCH73	7.8	4.0	1.2	2.7	1.6	3.1	4.0
CKCH74	7.8	4.5	1.2	2.7	1.6	3.1	4.0
CKCH105	10.5	5.0	3.8	1.2	2.3	5.4	6.6
CKCH124	12.5	5.0	5.0	1.9	2.8	5.4	7.0
CKCH125	12.5	6.0	5.0	1.9	2.8	5.4	7.0
CKCH127	12.5	8.0	5.0	1.9	2.8	5.4	7.0
CKCH129	12.5	10.5	5.0	1.9	2.8	5.4	7.0
CKCH1510	15.5	11.5	5.0	1.9	2.8	5.2	9.7

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● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH73-1.5uH/N	1.5 \pm 30%	0.030	1.80	100
CKCH73-2.2uH/N	2.2 \pm 30%	0.033	1.70	100
CKCH73-3.3uH/N	3.3 \pm 30%	0.046	1.60	100
CKCH73-4.7uH/M	4.7 \pm 20%	0.051	1.50	100
CKCH73-6.8uH/M	6.8 \pm 20%	0.067	1.35	100
CKCH73-10uH/M	10 \pm 20%	0.130	1.20	100
CKCH73-15uH/M	15 \pm 20%	0.140	1.00	100
CKCH73-22uH/M	22 \pm 20%	0.215	0.96	100
CKCH73-33uH/M	33 \pm 20%	0.220	0.75	100
CKCH73-47uH/M	47 \pm 20%	0.350	0.70	100
CKCH73-68uH/M	68 \pm 20%	0.480	0.58	100
CKCH73-100uH/M	100 \pm 20%	0.600	0.53	100
CKCH73-150uH/M	150 \pm 20%	0.980	0.50	100
CKCH73-180uH/M	180 \pm 20%	1.450	0.38	100
CKCH73-220uH/M	220 \pm 20%	2.00	0.33	100
CKCH73-330uH/M	330 \pm 20%	2.60	0.30	100
CKCH73-470uH/M	470 \pm 20%	3.20	0.28	100
CKCH73-680uH/M	680 \pm 20%	4.50	0.25	100
CKCH73-820uH/M	820 \pm 20%	6.45	0.18	100
CKCH73-1.0mH/M	1000 \pm 20%	6.50	0.16	100

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH74-1.5uH/N	1.5 \pm 30%	0.028	3.50	100
CKCH74-2.2uH/N	2.2 \pm 30%	0.030	3.30	100
CKCH74-3.3uH/N	3.3 \pm 30%	0.045	3.00	100
CKCH74-4.7uH/M	4.7 \pm 20%	0.048	2.80	100
CKCH74-6.8uH/M	6.8 \pm 20%	0.054	2.70	100
CKCH74-10uH/M	10 \pm 20%	0.075	2.00	100
CKCH74-15uH/M	15 \pm 20%	0.100	1.80	100
CKCH74-22uH/M	22 \pm 20%	0.140	1.30	100
CKCH74-33uH/M	33 \pm 20%	0.190	1.20	100
CKCH74-47uH/M	47 \pm 20%	0.280	1.00	100
CKCH74-68uH/M	68 \pm 20%	0.400	0.69	100
CKCH74-100uH/M	100 \pm 20%	0.600	0.60	100
CKCH74-150uH/M	150 \pm 20%	0.750	0.58	100
CKCH74-180uH/M	180 \pm 20%	1.00	0.50	100
CKCH74-220uH/M	220 \pm 20%	1.20	0.45	100
CKCH74-330uH/M	330 \pm 20%	1.90	0.35	100
CKCH74-470uH/M	470 \pm 20%	2.50	0.30	100
CKCH74-680uH/M	680 \pm 20%	3.50	0.26	100
CKCH74-820uH/M	820 \pm 20%	4.60	0.22	100
CKCH74-1.0mH/M	1000 \pm 20%	6.00	0.18	100

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● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH105-2.2uH/N	2.2 \pm 30%	0.010	6.00	100
CKCH105-4.7uH/N	4.7 \pm 30%	0.030	5.00	100
CKCH105-6.8uH/M	6.8 \pm 20%	0.045	4.20	100
CKCH105-10uH/M	10 \pm 20%	0.060	4.00	100
CKCH105-15uH/M	15 \pm 20%	0.070	3.50	100
CKCH105-22uH/M	22 \pm 20%	0.120	2.50	100
CKCH105-33uH/M	33 \pm 20%	0.155	2.00	100
CKCH105-47uHM	47 \pm 20%	0.220	1.30	100
CKCH105-68uHM	68 \pm 20%	0.300	1.20	100
CKCH105-100uH/M	100 \pm 20%	0.450	1.00	100
CKCH105-1mH/M	1000 \pm 20%	4.300	0.10	100

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH124-2.2uH/N	2.2 \pm 30%	0.015	5.20	100
CKCH124-3.3uH/N	3.3 \pm 30%	0.020	5.00	100
CKCH124-4.7uH/N	4.7 \pm 30%	0.025	4.80	100
CKCH124-6.8uH/M	6.8 \pm 20%	0.030	4.50	100
CKCH124-8.2uH/M	8.2 \pm 20%	0.045	4.30	100
CKCH124-10uH/M	10 \pm 20%	0.048	3.50	100
CKCH124-15uH/M	15 \pm 20%	0.050	3.20	100
CKCH124-22uHM	22 \pm 20%	0.075	2.50	100
CKCH124-33uH/M	33 \pm 20%	0.110	2.00	100
CKCH124-47uH/M	47 \pm 20%	0.190	1.50	100
CKCH124-56uH/M	56 \pm 20%	0.200	1.30	100
CKCH124-68uH/M	68 \pm 20%	0.240	1.20	100
CKCH124-100uH/M	100 \pm 20%	0.300	1.00	100
CKCH124-150uH/M	150 \pm 20%	0.550	0.95	100
CKCH124-220uH/M	220 \pm 20%	0.670	0.60	100
CKCH124-330uH/M	330 \pm 20%	1.10	0.58	100
CKCH124-470uH/M	470 \pm 20%	1.50	0.40	100
CKCH124-1.5mH/M	1500 \pm 20%	3.90	0.29	100
CKCH124-2.0mH/M	2000 \pm 20%	5.20	0.22	100

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PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH125-1.5uH/N	1.5 \pm 30%	0.009	10.00	100
CKCH125-1.8uH/N	1.8 \pm 30%	0.013	9.00	100
CKCH125-2.2uH/N	2.2 \pm 30%	0.015	8.50	100
CKCH125-3.3uH/N	3.3 \pm 30%	0.019	8.00	100
CKCH125-4.7uH/M	4.7 \pm 20%	0.020	7.00	100
CKCH125-6.8uH/M	6.8 \pm 20%	0.024	6.50	100
CKCH125-8.2uH/M	8.2 \pm 20%	0.025	6.20	100
CKCH125-10uH/M	10 \pm 20%	0.030	5.00	100
CKCH125-15uH/M	15 \pm 20%	0.045	4.50	100
CKCH125-18uH/M	18 \pm 20%	0.048	4.00	100
CKCH125-22uH/M	22 \pm 20%	0.055	3.60	100
CKCH125-33uH/M	33 \pm 20%	0.080	2.60	100
CKCH125-39uH/M	39 \pm 20%	0.095	2.30	100
CKCH125-47uH/M	47 \pm 20%	0.120	2.20	100
CKCH125-56uH/M	56 \pm 20%	0.130	2.00	100
CKCH125-68uH/M	68 \pm 20%	0.153	1.95	100
CKCH125-82uH/M	82 \pm 20%	0.175	1.90	100
CKCH125-100uH/M	100 \pm 20%	0.245	1.80	100
CKCH125-150uH/M	150 \pm 20%	0.320	1.30	100
CKCH125-220uH/M	220 \pm 20%	0.450	1.00	100
CKCH125-330uH/M	330 \pm 20%	0.560	0.80	100
CKCH125-470uH/M	470 \pm 20%	0.850	0.60	100
CKCH125-560uH/M	560 \pm 20%	1.100	0.58	100
CKCH125-680uH/M	680 \pm 20%	1.250	0.50	100
CKCH125-820uH/M	820 \pm 20%	1.600	0.40	100
CKCH125-1.0mH/M	1000 \pm 20%	1.900	0.30	100
CKCH125-2.0mH/M	2000 \pm 20%	3.650	0.28	100

Remark: ● Inductance Tested at 100kHz,0.25Vrms (20°C)

- IDC: DC current at which the inductance drops approximate 20% from its value without current
- Operating Temperature : -25°C ~ +105°C
- Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A

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CKCH127-1.5uH/N	1.5 \pm 30%	0.007	12.00	100
CKCH127-2.2uH/N	2.2 \pm 30%	0.015	11.00	100
CKCH127-3.3uH/N	3.3 \pm 30%	0.020	10.00	100
CKCH127-4.7uH/M	4.7 \pm 20%	0.025	7.00	100
CKCH127-6.8uH/M	6.8 \pm 20%	0.030	5.80	100
CKCH127-8.2uH/M	8.2 \pm 20%	0.032	5.50	100
CKCH127-10uH/M	10 \pm 20%	0.037	5.00	100
CKCH127-15uH/M	15 \pm 20%	0.040	4.50	100
CKCH127-22uHM	22 \pm 20%	0.055	4.00	100
CKCH127-33uH/M	33 \pm 20%	0.075	3.00	100
CKCH127-47uH/M	47 \pm 20%	0.100	2.80	100
CKCH127-56uH/M	56 \pm 20%	0.115	2.50	100
CKCH127-68uH/M	68 \pm 20%	0.148	2.20	100
CKCH127-82uH/M	82 \pm 20%	0.150	1.95	100
CKCH127-100uH/M	100 \pm 20%	0.210	1.80	100
CKCH127-120uHM	120 \pm 20%	0.230	1.60	100
CKCH127-150uH/M	150 \pm 20%	0.280	1.50	100
CKCH127-220uH/M	220 \pm 20%	0.450	1.20	100
CKCH127-330uH/M	330 \pm 20%	0.800	1.00	100
CKCH127-470uH/M	470 \pm 20%	0.900	0.85	100
CKCH127-560uH/M	560 \pm 20%	1.270	0.70	100
CKCH127-680uH/M	680 \pm 20%	1.450	0.60	100
CKCH127-820uH/M	820 \pm 20%	1.700	0.50	100
CKCH127-1.0mH/M	1000 \pm 20%	2.100	0.48	100
CKCH127-2.0mH/M	2000 \pm 20%	4.000	0.45	100
CKCH127-3.0mH/M	3000 \pm 20%	6.700	0.30	100
CKCH127-4.0mH/M	4000 \pm 20%	8.000	0.15	100

Remark: ● Inductance Tested at 100kHz,0.25Vrms (20°C)

● IDC: DC current at which the inductance drops approximate 20% from its value without current

● Operating Temperature : -25°C ~ +105°C

● Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A

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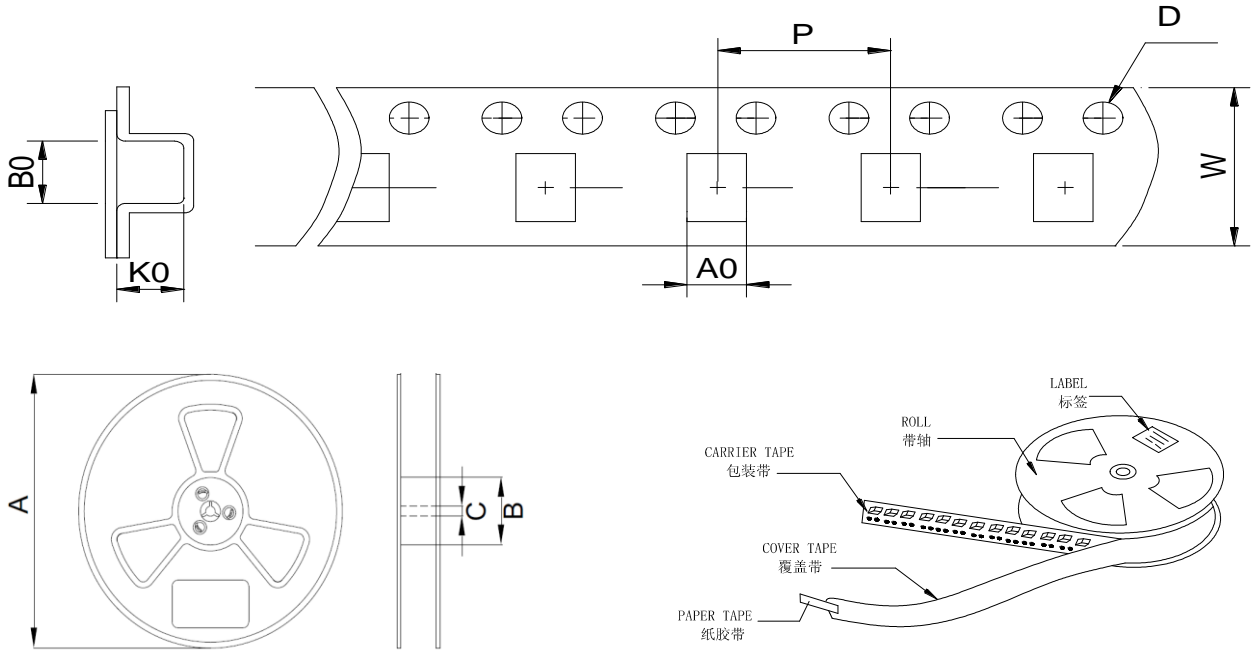
● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH129-1.5uH/N	1.5 \pm 30%	0.010	15.00	100
CKCH129-3.3uH/N	3.3 \pm 30%	0.016	10.00	100
CKCH129-4.7uH/M	4.7 \pm 20%	0.018	9.50	100
CKCH129-6.8uH/M	6.8 \pm 20%	0.023	9.00	100
CKCH129-8.2uH/M	8.2 \pm 20%	0.028	6.50	100
CKCH129-10uH/M	10 \pm 20%	0.030	6.00	100
CKCH129-15uH/M	15 \pm 20%	0.050	5.50	100
CKCH129-22uH/M	22 \pm 20%	0.055	5.00	100
CKCH129-33uH/M	33 \pm 20%	0.070	4.50	100
CKCH129-47uH/M	47 \pm 20%	0.120	4.00	100
CKCH129-68uH/M	68 \pm 20%	0.150	3.00	100
CKCH129-82uH/M	82 \pm 20%	0.172	2.60	100
CKCH129-100uH/M	100 \pm 20%	0.180	2.50	100
CKCH129-120uH/M	120 \pm 20%	0.230	2.20	100
CKCH129-150uH/M	150 \pm 20%	0.280	2.00	100
CKCH129-220uH/M	220 \pm 20%	0.350	1.80	100
CKCH129-330uH/M	330 \pm 20%	0.480	1.60	100
CKCH129-470uH/M	470 \pm 20%	0.950	1.50	100
CKCH129-560uH/M	560 \pm 20%	1.200	1.40	100
CKCH129-820uH/M	820 \pm 20%	1.400	1.00	100
CKCH129-1.0mH/M	1000 \pm 10%	1.560	0.80	100
CKCH129-1.5mH/M	1500 \pm 10%	1.800	0.60	100
CKCH129-2.0mH/M	2000 \pm 10%	2.600	0.50	100
CKCH129-2.2mH/M	2200 \pm 10%	2.650	0.45	100
CKCH129-3.0mH/M	3000 \pm 10%	4.700	0.40	100

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CKCH1510-1.5uH/N	1.5 \pm 30%	0.010	18.00	100
CKCH1510-3.3uH/N	3.3 \pm 30%	0.013	13.00	100
CKCH1510-6.8uH/N	6.8 \pm 30%	0.015	11.00	100
CKCH1510-10uH/M	10 \pm 20%	0.016	10.00	100
CKCH1510-22uH/M	22 \pm 20%	0.026	8.50	100
CKCH1510-33uH/M	33 \pm 30%	0.045	4.50	100
CKCH1510-47uH/M	47 \pm 30%	0.055	4.00	100
CKCH1510-68uH/M	68 \pm 20%	0.080	3.00	100
CKCH1510-100uH/M	100 \pm 20%	0.120	2.00	100
CKCH1510-150uH/M	150 \pm 20%	0.150	1.80	100

● PACKAGING SPECIFICATION :



Type	Tape Dimension						Reel Dimension			Quantity (Pcs/Reel)
	W	A0	B0	K0	D	P	A	B	C	
CKCH73	16.0	7.8	7.8	4.8	1.5	8.0	330	100	13	1000
CKCH74	16.0	7.8	7.8	4.8	1.5	8.0	330	100	13	1000
CKCH105	24.0	11.0	11.0	5.2	1.5	16.0	330	100	13	750
CKCH124	24.0	13.0	13.0	5.2	1.5	16.0	330	100	13	800
CKCH125	24.0	13.0	13.0	6.3	1.5	16.0	330	100	13	500
CKCH127	24.0	12.7	12.7	8.3	1.5	16.0	330	100	13	500
CKCH129	24.0	12.7	12.7	10.8	1.5	20.0	330	100	13	300
CKCH1510	24.0	15.3	15.3	11.8	1.5	20.0	330	100	13	200