



● **FEATURES 特性**

Various high power inductors are superior to be high saturation for surface mounting.

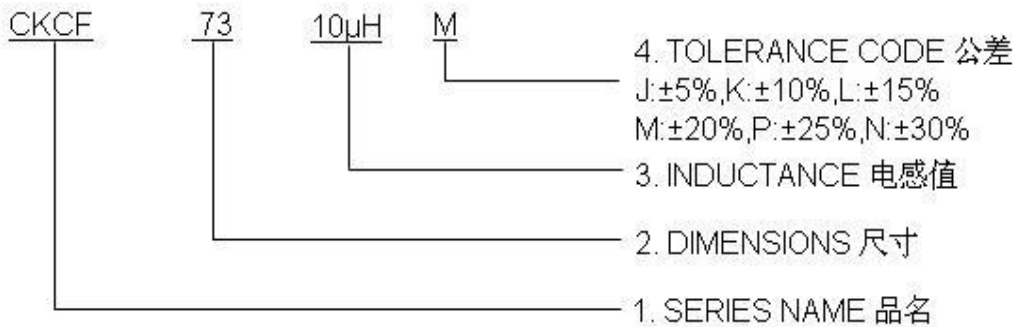
具有高功率、高饱和电流、低阻抗、小型化之特性。

● **APPLICATIONS 用途**

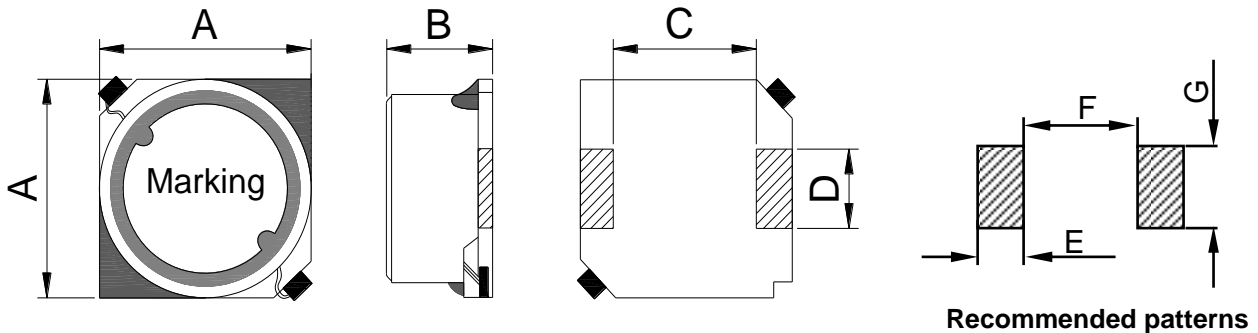
Power supply for TVR,OA equipment Digital camera,LCD television set notebook PC, portable communication equipments,DC/DC converters,etc.

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
CKCF63	6.4	3.5	3.0	2.0	2.0	3.0	2.2
CKCF73	7.4	3.5	4.0	2.0	2.0	4.0	2.2
CKCF75	7.4	5.0	4.0	2.0	2.0	4.0	2.2
CKCF104	10.8	5.0	6.0	3.0	2.5	5.6	3.2
CKCF125	13.0	7.5	8.5	3.0	2.5	8.0	3.2
CKCF127	13.0	8.0	8.5	3.0	2.5	8.0	3.2



● 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
CKCF63-2.2uH/N	2.2 \pm 30%	0.052	2.50	100
CKCF63-3.3uH/N	3.3 \pm 30%	0.058	2.30	100
CKCF63-4.7uH/M	4.7 \pm 20%	0.680	2.00	100
CKCF63-6.8uH/M	6.8 \pm 20%	0.850	1.50	100
CKCF63-10uH/M	10 \pm 20%	0.100	1.20	100
CKCF63-15uH/M	15 \pm 20%	0.150	1.00	100
CKCF63-22uH/M	22 \pm 20%	0.206	0.77	100
CKCF63-220uH/M	220 \pm 20%	1.700	0.26	100

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CKCF73-2.2uH/N	2.2 \pm 30%	0.036	2.70	100
CKCF73-3.3uH/N	3.3 \pm 30%	0.040	2.50	100
CKCF73-4.7uH/M	4.7 \pm 20%	0.055	2.30	100
CKCF73-6.8uH/M	6.8 \pm 20%	0.070	1.85	100
CKCF73-10uH/M	10 \pm 20%	0.080	1.40	100
CKCF73-15uH/M	15 \pm 20%	0.150	1.20	100
CKCF73-22uH/M	22 \pm 20%	0.220	0.96	100
CKCF73-33uH/M	33 \pm 20%	0.280	0.78	100
CKCF73-47uH/M	47 \pm 20%	0.350	0.60	100
CKCF73-56uH/M	56 \pm 20%	0.380	0.55	100
CKCF73-68uH/M	68 \pm 20%	0.420	0.52	100
CKCF73-82uH/M	82 \pm 20%	0.450	0.50	100
CKCF73-100uH/M	100 \pm 20%	0.650	0.40	100
CKCF73-470uH/M	470 \pm 20%	2.600	0.15	100

Remark: ● Inductance Tested at 100kHz,0.25Vrms (20 $^{\circ}$ C)

- IDC: DC current at which the inductance drops approximate 20% from its value without current
- Operating Temperature : -25 $^{\circ}$ C ~ +105 $^{\circ}$ C
- Measure Equipment:

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

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

DCR : CHEN HWA 502A



● 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
CKCF75-2.2uH/N	2.2 \pm 30%	0.038	5.00	100
CKCF75-3.3uH/N	3.3 \pm 30%	0.045	4.20	100
CKCF75-4.7uH/M	4.7 \pm 20%	0.050	3.50	100
CKCF75-6.8uH/M	6.8 \pm 20%	0.065	2.70	100
CKCF75-8.2uH/M	8.2 \pm 20%	0.068	2.40	100
CKCF75-10uH/M	10 \pm 20%	0.070	2.00	100
CKCF75-15uH/M	15 \pm 20%	0.100	1.60	100
CKCF75-22uH/M	22 \pm 20%	0.125	1.40	100
CKCF75-33uH/M	33 \pm 20%	0.160	0.90	100
CKCF75-47uH/M	47 \pm 20%	0.220	0.84	100
CKCF75-68uH/M	68 \pm 20%	0.360	0.70	100
CKCF75-82uH/M	82 \pm 20%	0.400	0.60	100
CKCF75-100uH/M	100 \pm 20%	0.450	0.55	100
CKCF75-220uH/M	220 \pm 20%	1.300	0.45	100
CKCF75-470uHM	470 \pm 20%	3.800	0.30	100
CKCF75-680uHM	680 \pm 20%	5.500	0.25	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
CKCF104-2.2uH/N	2.2 \pm 30%	0.035	4.00	100
CKCF104-3.3uH/N	3.3 \pm 30%	0.040	3.80	100
CKCF104-10uH/M	10 \pm 20%	0.050	3.00	100
CKCF104-22uH/M	22 \pm 20%	0.100	1.40	100
CKCF104-68uH/M	68 \pm 20%	0.195	1.20	100
CKCF104-100uH/M	100 \pm 20%	0.330	0.70	100
CKCF104-390uHM	390 \pm 20%	1.300	0.50	100

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

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- Operating Temperature : -25℃ ~ +105℃
- Measure Equipment:

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

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DCR : CHEN HWA 502A



● 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
CKCF125-10uH/M	10 \pm 20%	0.048	4.40	100
CKCF125-15uH/M	15 \pm 20%	0.055	4.00	100
CKCF125-22uH/M	22 \pm 20%	0.060	3.00	100
CKCF125-33uH/M	33 \pm 20%	0.070	2.50	100
CKCF125-47uH/M	47 \pm 20%	0.125	2.20	100
CKCF125-68uH/M	68 \pm 20%	0.146	1.90	100
CKCF125-100uH/M	100 \pm 20%	0.200	1.50	100
CKCF125-220uH/M	220 \pm 20%	0.600	1.40	100
CKCF125-470uH/M	470 \pm 20%	1.100	1.00	100
CKCF125-680uH/M	680 \pm 20%	2.300	0.70	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
CKCF127-6.8uH/M	6.8 \pm 20%	0.018	7.20	100
CKCF127-10uH/M	10 \pm 20%	0.021	5.50	100
CKCF127-15uH/M	15 \pm 20%	0.028	4.70	100
CKCF127-22uH/M	22 \pm 20%	0.050	4.00	100
CKCF127-33uH/M	33 \pm 20%	0.055	3.40	100
CKCF127-47uH/M	47 \pm 20%	0.064	3.00	100
CKCF127-68uH/M	68 \pm 20%	0.092	2.60	100
CKCF127-100uH/M	100 \pm 20%	0.150	1.90	100
CKCF127-220uH/M	220 \pm 20%	0.320	1.00	100
CKCF127-470uH/M	470 \pm 20%	0.800	0.80	100
CKCF127-1.0mH/K	1000 \pm 10%	1.500	0.55	100
CKCF127-1.5mH/K	1500 \pm 10%	2.300	0.45	100
CKCF127-2.2mH/K	2200 \pm 10%	3.400	0.40	100

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

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

● Operating Temperature : -25℃ ~ +105℃

● Measure Equipment:

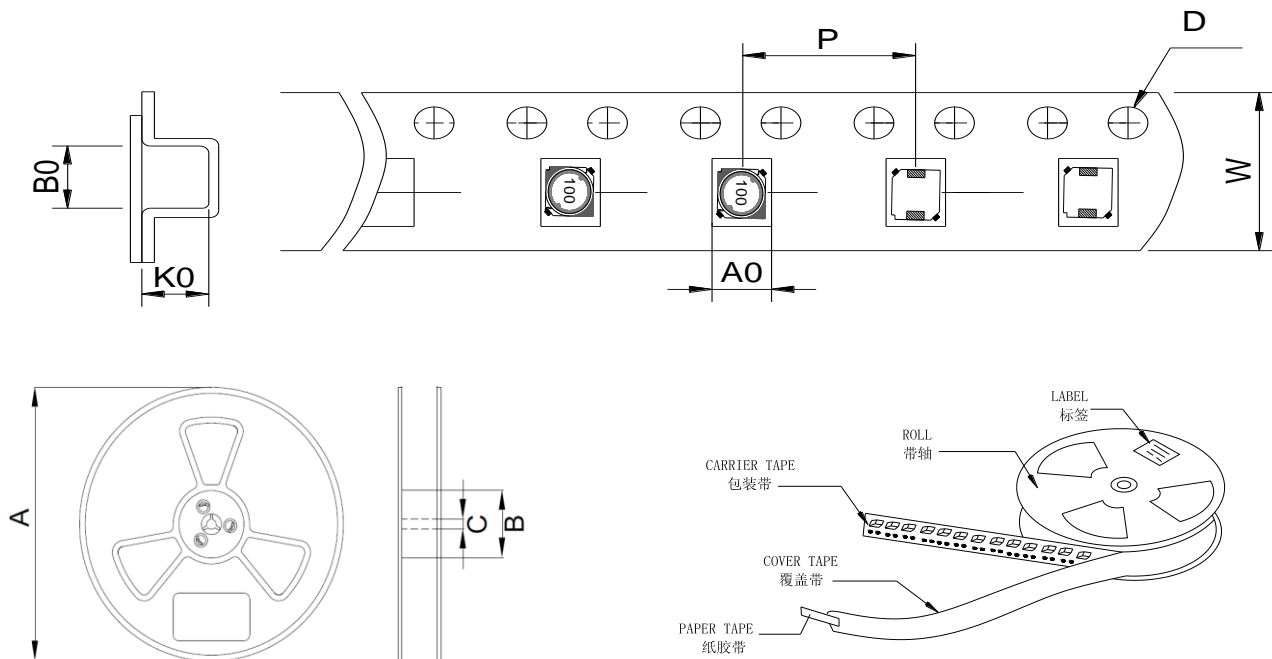
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IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A



● PACKAGING SPECIFICATION :



Type	Tape Dimension						Reel Dimension			Quantity (Pcs/Reel)
	W	A0	B0	K0	D	P	A	B	C	
CKCF63	16.0	6.6	6.6	3.8	1.5	12.0	330	100	13	1500
CKCF73	16.0	7.7	7.7	3.8	1.5	12.0	330	100	13	1000
CKCF75	16.0	7.7	7.7	5.3	1.5	12.0	330	100	13	1000
CKCF104	24.0	11.5	11.5	5.4	1.5	16.0	330	100	13	750
CKCF125	24.0	13.5	13.5	7.8	1.5	16.0	330	100	13	500
CKCF127	24.0	13.5	13.5	8.5	1.5	16.0	330	100	13	500