



## SHIELD POWER INDUCTOR CKCF Series

### 磁屏蔽电感 CKCF 系列

#### ● 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、低电阻特性。

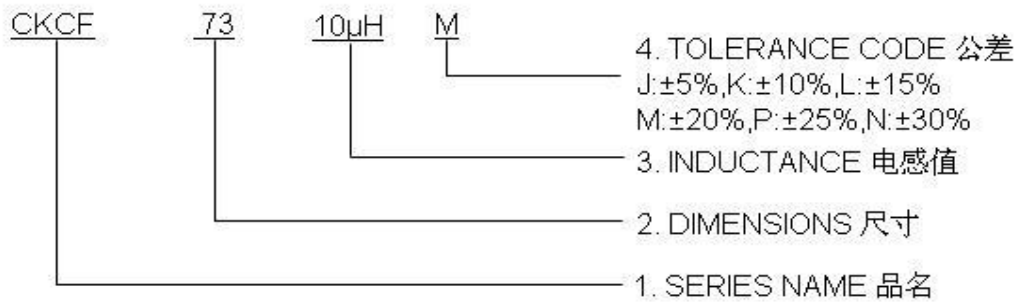


#### ● APPLICATIONS 用途

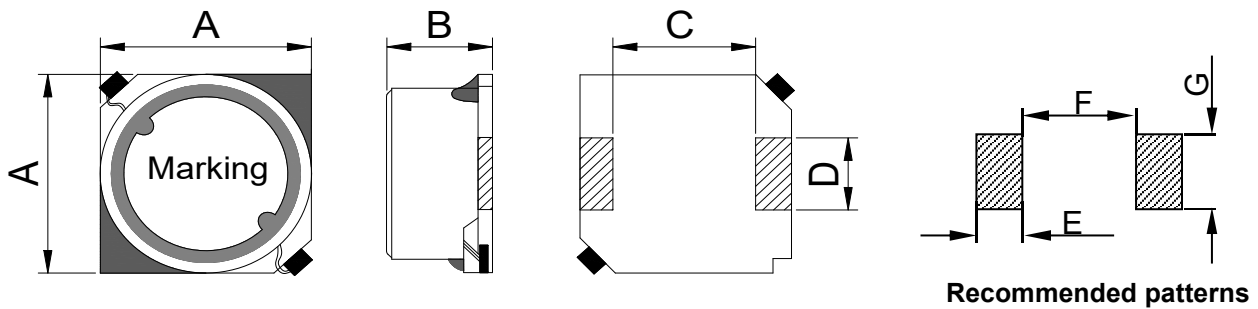
Power supply for TVR,OA equipment, audio, LED television ,  
communication equipments, DC/DC converters, etc.

录影机, OA仪器, 音箱, LED电视, 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
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 规格特性表

### CKCF63

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流
CKCF63-2.2uH/N	2.2 $\pm$ 30%	0.052	2.50
CKCF63-3.3uH/N	3.3 $\pm$ 30%	0.058	2.30
CKCF63-4.7uH/M	4.7 $\pm$ 20%	0.68	2.00
CKCF63-6.8uH/M	6.8 $\pm$ 20%	0.85	1.50
CKCF63-10uH/M	10 $\pm$ 20%	0.10	1.20
CKCF63-15uH/M	15 $\pm$ 20%	0.15	1.00
CKCF63-22uH/M	22 $\pm$ 20%	0.206	0.77

### CKCF73

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流
CKCF73-2.2uH/N	2.2 $\pm$ 30%	0.036	2.70
CKCF73-3.3uH/N	3.3 $\pm$ 30%	0.04	2.50
CKCF73-4.7uH/M	4.7 $\pm$ 20%	0.055	2.30
CKCF73-6.8uH/M	6.8 $\pm$ 20%	0.07	1.85
CKCF73-10uH/M	10 $\pm$ 20%	0.08	1.40
CKCF73-15uH/M	15 $\pm$ 20%	0.15	1.20
CKCF73-22uH/M	22 $\pm$ 20%	0.22	0.96
CKCF73-33uH/M	33 $\pm$ 20%	0.28	0.78
CKCF73-47uH/M	47 $\pm$ 20%	0.35	0.60
CKCF73-68uH/M	68 $\pm$ 20%	0.42	0.52
CKCF73-100uH/M	100 $\pm$ 20%	0.65	0.40
CKCF73-470uH/M	470 $\pm$ 20%	2.60	0.15

**Remark:** 1. All test data is reference to 25 $^{\circ}$ C ambient.

2. Inductance Tested at 100kHz,0.25Vrms

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

4. Operating Temperature : -40 $^{\circ}$ C ~ +125 $^{\circ}$ C(Including self - temperature rise)



## CKCF75

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流
CKCF75-2.2uH/N	2.2 $\pm$ 30%	0.038	5.00
CKCF75-3.3uH/N	3.3 $\pm$ 30%	0.045	4.20
CKCF75-4.7uH/M	4.7 $\pm$ 20%	0.05	3.50
CKCF75-6.8uH/M	6.8 $\pm$ 20%	0.065	2.70
CKCF75-10uH/M	10 $\pm$ 20%	0.07	2.00
CKCF75-15uH/M	15 $\pm$ 20%	0.10	1.60
CKCF75-22uH/M	22 $\pm$ 20%	0.125	1.40
CKCF75-33uH/M	33 $\pm$ 20%	0.16	0.90
CKCF75-47uH/M	47 $\pm$ 20%	0.22	0.84
CKCF75-68uH/M	68 $\pm$ 20%	0.36	0.70
CKCF75-100uH/M	100 $\pm$ 20%	0.45	0.55
CKCF75-220uH/M	220 $\pm$ 20%	1.30	0.45
CKCF75-470uH/M	470 $\pm$ 20%	3.80	0.30
CKCF75-680uH/M	680 $\pm$ 20%	5.50	0.25

## CKCF125

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流
CKCF125-10uH/M	10 $\pm$ 20%	0.048	4.40
CKCF125-15uH/M	15 $\pm$ 20%	0.055	4.00
CKCF125-22uH/M	22 $\pm$ 20%	0.06	3.00
CKCF125-33uH/M	33 $\pm$ 20%	0.07	2.50
CKCF125-47uH/M	47 $\pm$ 20%	0.125	2.20
CKCF125-68uH/M	68 $\pm$ 20%	0.146	1.90
CKCF125-100uH/M	100 $\pm$ 20%	0.20	1.50
CKCF125-220uH/M	220 $\pm$ 20%	0.60	1.40
CKCF125-470uH/M	470 $\pm$ 20%	1.10	1.00
CKCF125-680uH/M	680 $\pm$ 20%	2.30	0.70

**Remark:** 1. All test data is reference to 25 $^{\circ}$ C ambient.

2. Inductance Tested at 100kHz,0.25Vrms

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

4. Operating Temperature : -40 $^{\circ}$ C ~ +125 $^{\circ}$ C(Including self - temperature rise)



## CKCF127

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max) ( $\Omega$ ) 直流电阻	IDC (Max) (A) 额定电流
CKCF127-6.8uH/M	6.8 $\pm$ 20%	0.018	7.20
CKCF127-10uH/M	10 $\pm$ 20%	0.021	5.50
CKCF127-15uH/M	15 $\pm$ 20%	0.028	4.70
CKCF127-22uH/M	22 $\pm$ 20%	0.050	4.00
CKCF127-33uH/M	33 $\pm$ 20%	0.055	3.40
CKCF127-47uH/M	47 $\pm$ 20%	0.064	3.00
CKCF127-68uH/M	68 $\pm$ 20%	0.092	2.60
CKCF127-100uH/M	100 $\pm$ 20%	0.15	1.90
CKCF127-220uH/M	220 $\pm$ 20%	0.32	1.00
CKCF127-470uH/M	470 $\pm$ 20%	0.80	0.80
CKCF127-1mH/M	1000 $\pm$ 20%	1.50	0.55
CKCF127-1.5mH/M	1500 $\pm$ 20%	2.30	0.45
CKCF127-2.2mH/M	2200 $\pm$ 20%	3.40	0.40

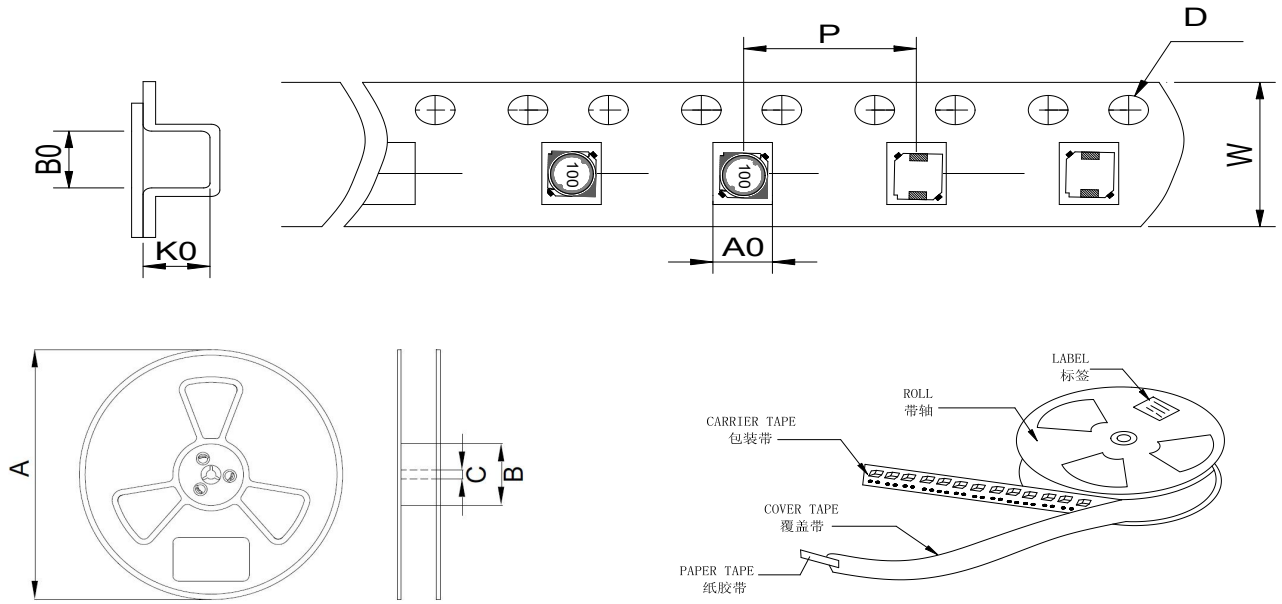
**Remark:** 1. All test data is reference to 25 $^{\circ}$ C ambient.

2. Inductance Tested at 100kHz,0.25Vrms

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

4. Operating Temperature : -40 $^{\circ}$ C ~ +125 $^{\circ}$ C(Including self - temperature rise)

● **PACKAGING SPECIFICATION 包装规格**



TYPE(型号)	Tape Dimension 载带尺寸(mm)						Reel Dimension 卷盘尺寸 (mm)			Quantity (Pcs/Reel) 数量 (个/卷)
	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
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