



## SHIELD POWER INDUCTOR CKPF Series

### 磁屏蔽电感 CKPF 系列

#### ● FEATURES 特性

1. Ideal as a choke coil for noise filtering

主要用于扼流

2. It is suitable for user in audio processing circuits for low, high and bandpass filtering.

通用于低.高带通滤波



#### ● APPLICATIONS 用途

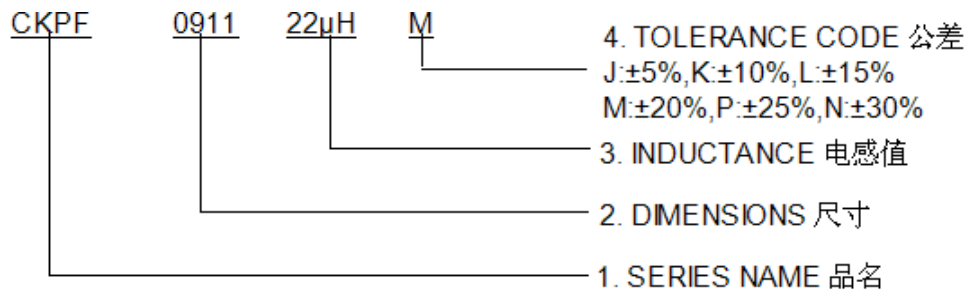
1. Ideal for use as a power choke coil in general household appliances, appliances and industrial equipment.

主要用于家电，工业电器电路中扼流。

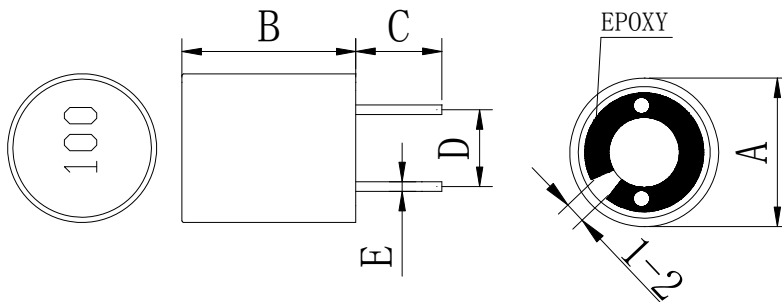
2. Audio, communication equipments, DC/DC converters, etc.

音箱，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	B	C	D	E
CKPF0911	10.0Max	11.5Max	5.0±1.0	3.0±0.5	0.6±0.1
CKPF1012	11.0Max	13.0Max	5.0±1.0	5.0±0.5	0.6±0.1
CKPF1014	12.0Max	15.0Max	5.0±1.0	5.0±0.5	0.6±0.1
CKPF1619	16.5Max	20.5Max	5.0±1.0	7.5±1.0	0.8±0.1

● SPECIFICATION TABLE 规格特性表

CKPF0911

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max.) ( $\Omega$ ) 直流电阻	IDC (Max.) (A) 额定电流	TEST FREQUENCY 测试频率
CKPF0911-6.8uH/M	6.8 $\pm$ 20%	0.03	2.0	100kHz,0.25V
CKPF0911-8.2uH/M	8.2 $\pm$ 20%	0.04	1.8	100kHz,0.25V
CKPF0911-10uH/M	10 $\pm$ 20%	0.05	1.5	1kHz,0.25V
CKPF0911-12uH/M	12 $\pm$ 20%	0.06	1.4	1kHz,0.25V
CKPF0911-15uH/M	15 $\pm$ 20%	0.07	1.2	1kHz,0.25V
CKPF0911-18uH/M	18 $\pm$ 20%	0.08	1.0	1kHz,0.25V
CKPF0911-22uH/M	22 $\pm$ 20%	0.09	0.9	1kHz,0.25V
CKPF0911-27uH/M	27 $\pm$ 20%	0.10	0.8	1kHz,0.25V
CKPF0911-33uH/M	33 $\pm$ 20%	0.12	0.7	1kHz,0.25V
CKPF0911-39uH/M	39 $\pm$ 20%	0.15	0.5	1kHz,0.25V
CKPF0911-47uH/M	47 $\pm$ 20%	0.18	0.4	1kHz,0.25V
CKPF0911-56uH/M	56 $\pm$ 20%	0.20	0.38	1kHz,0.25V
CKPF0911-68uH/M	68 $\pm$ 20%	0.25	0.35	1kHz,0.25V
CKPF0911-82uH/M	82 $\pm$ 20%	0.28	0.32	1kHz,0.25V
CKPF0911-100uH/M	100 $\pm$ 20%	0.30	0.30	1kHz,0.25V

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

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

3. Operating Temperature : -25 $^{\circ}$ C ~ +85 $^{\circ}$ C(Including self - temperature rise)



CKPF1012

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max.) ( $\Omega$ ) 直流电阻	IDC (Max.) (A) 额定电流	TEST FREQUENCY 测试频率
CKPF1012-6.8uH/M	6.8 $\pm$ 20%	0.040	4.0	100kHz,0.25V
CKPF1012-8.2uH/M	8.2 $\pm$ 20%	0.050	3.8	100kHz,0.25V
CKPF1012-10uH/M	10 $\pm$ 20%	0.060	3.6	1kHz,0.25V
CKPF1012-12uH/M	12 $\pm$ 20%	0.070	3.5	1kHz,0.25V
CKPF1012-15uH/M	15 $\pm$ 20%	0.080	3.3	1kHz,0.25V
CKPF1012-18uH/M	18 $\pm$ 20%	0.090	3.2	1kHz,0.25V
CKPF1012-22uH/M	22 $\pm$ 20%	0.100	3.0	1kHz,0.25V
CKPF1012-27uH/M	27 $\pm$ 20%	0.120	2.8	1kHz,0.25V
CKPF1012-33uH/M	33 $\pm$ 20%	0.180	2.5	1kHz,0.25V
CKPF1012-39uH/M	39 $\pm$ 20%	0.200	2.2	1kHz,0.25V
CKPF1012-47uH/M	47 $\pm$ 20%	0.220	2.0	1kHz,0.25V
CKPF1012-56uH/M	56 $\pm$ 20%	0.240	1.8	1kHz,0.25V
CKPF1012-68uH/M	68 $\pm$ 20%	0.270	1.5	1kHz,0.25V
CKPF1012-82uH/M	82 $\pm$ 20%	0.280	1.2	1kHz,0.25V
CKPF1012-100uH/M	100 $\pm$ 20%	0.300	1.1	1kHz,0.25V
CKPF1012-120uH/M	120 $\pm$ 20%	0.320	1.0	1kHz,0.25V

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

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

3. Operating Temperature : -25 $^{\circ}$ C ~ +85 $^{\circ}$ C (Including self - temperature rise)



**CKPF1014**

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max.) ( $\Omega$ ) 直流电阻	IDC (Max.) (A) 额定电流	TEST FREQUENCY 测试频率
CKPF1014-10uH/M	10 $\pm$ 20%	0.040	4.50	1kHz,0.25V
CKPF1014-15uH/M	15 $\pm$ 20%	0.050	4.30	1kHz,0.25V
CKPF1014-18uH/M	18 $\pm$ 20%	0.070	4.00	1kHz,0.25V
CKPF1014-22uH/M	22 $\pm$ 20%	0.080	3.50	1kHz,0.25V
CKPF1014-27uH/M	27 $\pm$ 20%	0.090	3.30	1kHz,0.25V
CKPF1014-33uH/M	33 $\pm$ 20%	0.100	3.00	1kHz,0.25V
CKPF1014-39uH/M	39 $\pm$ 20%	0.120	2.50	1kHz,0.25V
CKPF1014-47uH/M	47 $\pm$ 20%	0.150	2.30	1kHz,0.25V
CKPF1014-56uH/M	56 $\pm$ 20%	0.180	2.00	1kHz,0.25V
CKPF1014-68uH/M	68 $\pm$ 20%	0.25	1.80	1kHz,0.25V
CKPF1014-82uH/M	82 $\pm$ 20%	0.32	1.60	1kHz,0.25V
CKPF1014-100uH/M	100 $\pm$ 20%	0.36	1.50	1kHz,0.25V
CKPF1014-150uH/M	150 $\pm$ 20%	0.52	1.40	1kHz,0.25V
CKPF1014-180uH/M	180 $\pm$ 20%	0.60	1.30	1kHz,0.25V
CKPF1014-220uH/M	220 $\pm$ 20%	0.75	1.20	1kHz,0.25V
CKPF1014-270uH/M	270 $\pm$ 20%	0.90	1.10	1kHz,0.25V
CKPF1014-330uH/M	330 $\pm$ 20%	1.00	0.95	1kHz,0.25V
CKPF1014-390uH/M	390 $\pm$ 20%	1.30	0.90	1kHz,0.25V
CKPF1014-470uH/M	470 $\pm$ 20%	1.50	0.80	1kHz,0.25V
CKPF1014-560uH/M	560 $\pm$ 20%	1.60	0.70	1kHz,0.25V
CKPF1014-680uH/M	680 $\pm$ 20%	2.00	0.65	1kHz,0.25V
CKPF1014-820uH/M	820 $\pm$ 20%	2.50	0.60	1kHz,0.25V
CKPF1014-1mH/M	1000 $\pm$ 20%	3.00	0.55	1kHz,0.25V
CKPF1014-1.2mH/M	1200 $\pm$ 20%	3.50	0.50	1kHz,0.25V
CKPF1014-1.5mH/M	1500 $\pm$ 20%	4.20	0.40	1kHz,0.25V
CKPF1014-1.8mH/M	1800 $\pm$ 20%	4.80	0.36	1kHz,0.25V
CKPF1014-2.2mH/M	2200 $\pm$ 20%	6.00	0.32	1kHz,0.25V

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

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

3. Operating Temperature : -25 $^{\circ}$ C ~ +85 $^{\circ}$ C(Including self - temperature rise)



CKPF1619

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 电感值	DCR (Max.) ( $\Omega$ ) 直流电阻	IDC (Max.) (A) 额定电流	TEST FREQUENCY 测试频率
CKPF1619-10uH/M	10 $\pm$ 20%	0.030	7.00	1kHz,0.25V
CKPF1619-15uH/M	15 $\pm$ 20%	0.035	6.50	1kHz,0.25V
CKPF1619-18uH/M	18 $\pm$ 20%	0.040	6.00	1kHz,0.25V
CKPF1619-22uH/M	22 $\pm$ 20%	0.050	5.50	1kHz,0.25V
CKPF1619-27uH/M	27 $\pm$ 20%	0.055	5.00	1kHz,0.25V
CKPF1619-33uH/M	33 $\pm$ 20%	0.055	4.50	1kHz,0.25V
CKPF1619-39uH/M	39 $\pm$ 20%	0.060	4.50	1kHz,0.25V
CKPF1619-47uH/M	47 $\pm$ 20%	0.070	4.00	1kHz,0.25V
CKPF1619-56uH/M	56 $\pm$ 20%	0.085	3.50	1kHz,0.25V
CKPF1619-68uH/M	68 $\pm$ 20%	0.10	3.00	1kHz,0.25V
CKPF1619-82uH/M	82 $\pm$ 20%	0.12	2.80	1kHz,0.25V
CKPF1619-100uH/M	100 $\pm$ 20%	0.14	2.50	1kHz,0.25V
CKPF1619-150uH/M	150 $\pm$ 20%	0.16	2.30	1kHz,0.25V
CKPF1619-180uH/M	180 $\pm$ 20%	0.22	2.00	1kHz,0.25V
CKPF1619-220uH/M	220 $\pm$ 20%	0.28	1.80	1kHz,0.25V
CKPF1619-270uH/M	270 $\pm$ 20%	0.35	1.60	1kHz,0.25V
CKPF1619-330uH/M	330 $\pm$ 20%	0.45	1.50	1kHz,0.25V
CKPF1619-390uH/M	390 $\pm$ 20%	0.55	1.40	1kHz,0.25V
CKPF1619-470uH/M	470 $\pm$ 20%	0.60	1.20	1kHz,0.25V
CKPF1619-560uH/M	560 $\pm$ 20%	0.70	1.00	1kHz,0.25V
CKPF1619-680uH/M	680 $\pm$ 20%	0.80	0.90	1kHz,0.25V
CKPF1619-820uH/M	820 $\pm$ 20%	0.90	0.80	1kHz,0.25V
CKPF1619-1000uH/M	1000 $\pm$ 20%	1.20	0.60	1kHz,0.25V

**Remark:** 1. All test data is reference to 25°C ambient.

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

3. Operating Temperature : -25°C ~ +85°C(Including self - temperature rise)