



磁环电感-ACKTC系列产品

● 特性

- 1.对干扰具有极好的抑制作用，在较宽的频率范围内呈现出无共振插入损耗特性；
- 2.具有高抗干扰稳定性，抗射频干扰和突发信号；
- 3.低磁损，居里温度 $\geq 150^{\circ}\text{C}$ ，满足车载要求；

● APPLICATIONS 用途

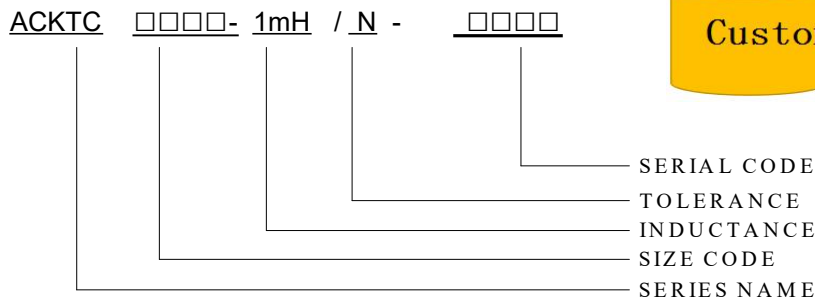
Useful in a wide variety of EMI/RFI choke,input filter.

用于EMI/RFI扼流圈、输入滤波器。

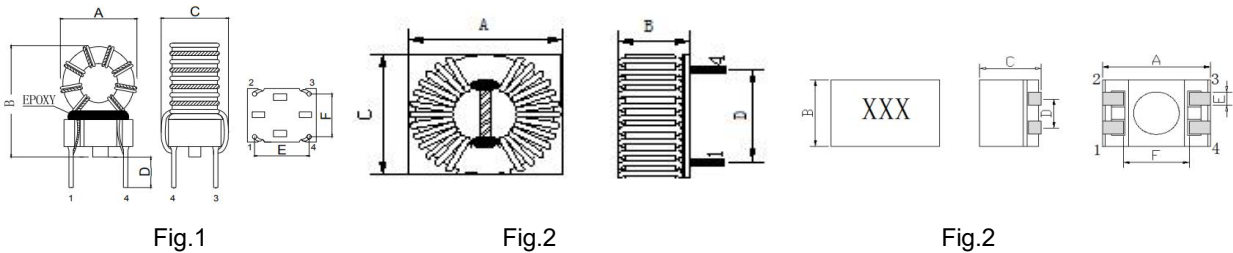
We can customize products according to your requirements. Please consult our sales.

如果你有定制化需求，请联系我们。

● PART NUMBERING SYSTEM 品名系统



● 外形尺寸 (mm)



共模电感:

TYPE	INDUCTANCE	Fig	A	B	C	(D)
ACKTCB060303	1.0uH~650uH	1	9.0	12.0	9.0	4.0
ACKTCB080403	1.0uH~700uH	1	11.0	13.0	11.0	4.0
ACKTCB090503	5.0uH~1000uH	1	12.5	15.5	12.5	4.0
ACKTCB100604	5.0uH~1200uH	1	14.5	16.5	14.5	4.0
ACKTCB120705	6.0uH~10000uH	1	17.0	20.0	17.0	4.0
ACKTCB140807	10uH~20000uH	1	19.0	22.0	19.0	4.0
ACKTCB160905	10uH~20000uH	1	21.0	24.0	21.0	4.0
ACKTCPL181007	10uH~30000uH	2	23.5	16.0	23.5	15.5
ACKTCPL201010	22uH~30000uH	2	26.5	18.0	26.5	17.5
ACKTCPL221408	22uH~35000uH	2	29.0	19.0	29.0	19.5
ACKTCPL251510	22uH~35000uH	2	33.0	20.5	33.0	21.0
ACKTCPL311913	33uH~35000uH	2	40.0	21.0	40.0	26.0
ACKTCT040202	10uH~1000uH	3	9.2±0.3	6.0±0.3	5.0±0.3	2.54±0.2



● FEATURES 特性

Low power loss.低功率损耗。

● APPLICATIONS 用途

Useful in a wide variety of EMI/RFI choke,input filter.

用于EMI/RFI扼流圈、输入滤波器。

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● PART NUMBERING SYSTEM 品名系统

ACKTC □□□□- 1mH / N - □□□□

Customized

— SERIAL CODE
 — TOLERANCE
 — INDUCTANCE
 — SIZE CODE
 — SERIES NAME

● 外形尺寸 (mm)

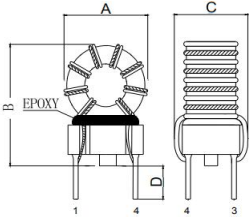


Fig.1

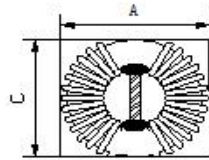


Fig.2

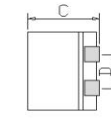
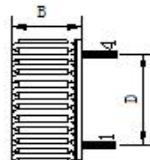
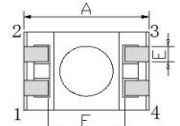


Fig.2



Unit : mm

TYPE	INDUCTANCE	FIG	A	B	C	D	Work Frequency
ACKTC4.5*3*2	1.0uH-10.0uH	1	6.5	9.0	6.5	4.0	0.01-100MHz
ACKTCT6*3*3	2.0uH-15.0uH	1	8.0	11.0	8.0	4.0	0.01-100MHz
ACKTCT8*4*4	3.0uH-20.0uH	1	12.0	15.0	12.0	4.0	0.01-100MHz
ACKTCT9*5*3	5.0uH-20.0uH	1	13.0	16.0	14.0	4.0	0.01-100MHz
ACKTCT12*6*5.5	8.0uH-20.0uH	1	16.0	16.0	17.0	4.0	0.01-100MHz
ACKTCT14*10.6	8.0uH-20.0uH	2	18.0	20.0	18.0	9.0	0.01-100MHz
ACKTCT16*12*8	10.0uH-25.0uH	2	20.0	20.0	20.0	10.0	0.01-100MHz
ACKTCT18*10*6	10.0uH-30.0uH	2	22.0	13.0	22.0	11.0	0.01-100MHz
ACKTCT20*10*7	10.0uH-30.0uH	2	24.0	14.0	24.0	12.0	0.01-100MHz
ACKTCT22*13.5*8	10.0uH-40.0uH	2	26.0	15.0	16.0	16.0	0.01-100MHz
ACKTCT36*25*12	15.0uH-150.0uH	2	30.0	17.0	30.0	20.0	0.01-100MHz
ACKTCT040202	1.0uH~20UH	3	9.2±0.3	6.0±0.3	5.0±0.3	2.54±0.2	0.01-100MHz



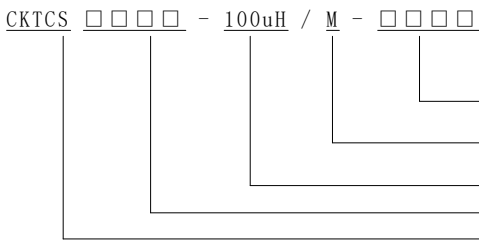
● **FEATURES 特性**

- 1.MPP series are excellent choices for precision audio frequency tuned circuits, High Q filters, loading coils, EMI filters. 用于高Q滤波器, 负载线圈, EMI过滤器
- 2.Hi-flux series are ideal for switching regulator inductors, in line noise filters, pulse and fly-back transformer applications. Hi-Flux系列用于开关稳压器, 噪音滤波器, 脉冲和回扫变压器。
- 3.Super-MSS series are designed to replace iron powder by offering much lower losses, with energy storage capability higher than MPP series, and are excellent choices for energy storage and filter inductor applications in switching mode power supplies. MSS系列损耗低, 能量储存高于MPP系列, 用于开关电源的储能和滤波。

● **APPLICATIONS 用途**

1. Useful in a wide variety of power converter and line filter applications.
2. Suitable for PFC and energy storage inductor, widely used in automotive electronics, photovoltaic fields.
3. We can customize products according to your requirements. Please consult our sales.

● **PART NUMBERING SYSTEM 品名系统**



SERIAL CODE 编号
TOLERANCE CODE (OMISSIBLE)
公差 (有时省略)
INDUCTANCE 电感值
DIMENSIONS 尺寸
SERIES CODE 品名

● **外形尺寸 (mm)**



Unit: mm

TYPE	INDUCTANCE	A	B	C	D	Work Frequency
ACKTCS078125	10.0uH-66uH	13.0	6.5	13.0	6.0	0.01-2.0MHz
ACKTCS096125	10.0uH-150.0uH	13.0	6.5	13.0	6.0	0.01-2.0MHz
ACKTCS112125	10.0uH-200.0uH	16.0	8.0	16.0	8.0	0.01-2.0MHz
ACKTCS166125	10.0uH-300.0uH	21.0	11.0	21.0	10.0	0.01-2.0MHz
ACKTCS172125	10.0uH-300.0uH	22.0	11.0	22.0	10.0	0.01-2.0MHz
ACKTCS203125	10.0uH-470.0uH	25.0	12.0	25.0	12.0	0.01-2.0MHz
ACKTCS229125	10.0uH-470.0uH	25.0	12.0	25.0	12.0	0.01-2.0MHz
ACKTCS234125	10.0uH-570.0uH	25.0	12.0	25.0	12.0	0.01-2.0MHz
ACKTCS270125	10.0uH-680.0uH	32.0	15.0	32.0	16.0	0.01-2.0MHz
ACKTCS330125	10.0uH-680.0uH	37.5	13.5	37.5	18.0	0.01-2.0MHz
ACKTCS400125	10.0uH-800.0uH	37.5	13.5	37.5	18.0	0.01-2.0MHz
ACKTCS467125	10.0uH-1000.0uH	37.5	13.5	37.5	18.0	0.01-2.0MHz

● **FEATURES 特性**

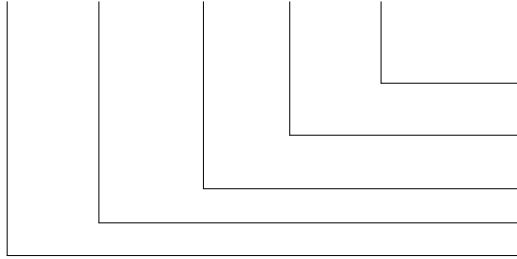
- 1.High saturation magnetic induction, high permeability and low loss characteristics;
- 2.Excellent current stack characteristics;
- 3.Good temperature stability, operating temperature range -55℃ ~ 150℃;

● **APPLICATIONS 用途**

- 1.Filter inductor in high power switching;
- 2.Main transformer in UPS;
- 3.We can customize products according to your requirements. Please consult our sales.

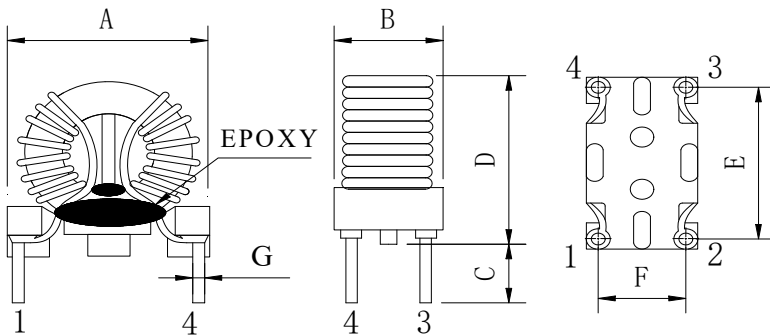
● **PART NUMBERING SYSTEM 品名系统**

CKTC □□□□ - 100uH / M - □□□□



SERIAL CODE 编号
TOLERANCE CODE (OMISSIBLE)
公差 (有时省略)
INDUCTANCE 电感值
DIMENSIONS 尺寸
SERIES CODE 品名

● **外形尺寸 (mm)**



Unit: mm

TYPE	INDUCTANCE	A	B	C	D	Work Frequency
ACKTCBN090604	0.1mH-10.0mH	14.0	14.0	4.0	16.0	0.001-1MHz
ACKTCBN262010	0.2mH-20.0mH	32.0	20.0	4.0	35.0	0.001-1MHz
ACKTCBN363015	0.3mH-30.0mH	43.0	30.0	4.0	47.0	0.001-1MHz
ACKTCBN484010	0.4mH-40.0mH	55.0	25.0	4.0	58.0	0.001-1MHz
ACKTCBN554510	0.5mH-50.0mH	62.0	28.0	4.0	65.0	0.001-1MHz
ACKTCBN655230	0.6mH-60.0mH	73.0	45.0	4.0	77.0	0.001-1MHz
ACKTCBN908015	0.7mH-70.0mH	104.0	30.0	4.0	107.0	0.001-1MHz
ACKTCBN908020	0.8mH-80.0mH	104.0	25.0	4.0	107.0	0.001-1MHz