



Mn-Zn FERRITE TOROIDAL INDUCTORS-CKTC Series
锰锌磁环电感-CKTC系列

● **FEATURES 特性**

1. 对若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；（共模电感）

Excellent inhibitory effect on interference, and exhibits no resonance insertion loss characteristics in a wide frequency range; (common mode inductors)

2. 具有高抗干扰稳定性，抗射频干扰和突发信号；（共模电感）

With high anti-interference stability, anti-RF interference and burst signal; (common mode inductors)

3. 低磁损，高饱和电流（CKTCS）；

Low magnetic loss, high saturation current; (CKTCS)

● **APPLICATIONS 用途**

1. 用于EMI/RFI扼流圈、输入滤波器。

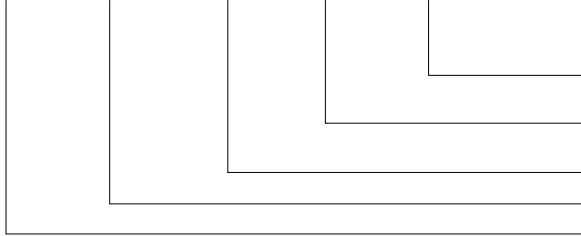
Useful in a wide variety of EMI/RFI choke, input filter.

2. 如果你有定制化需求，请联系我们。

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



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

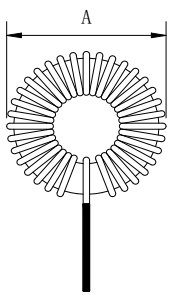


Fig.1

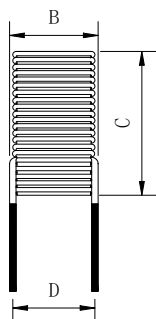


Fig.2

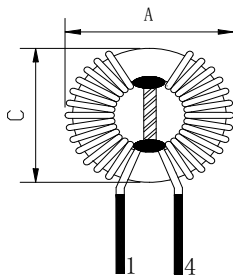
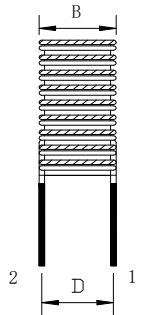
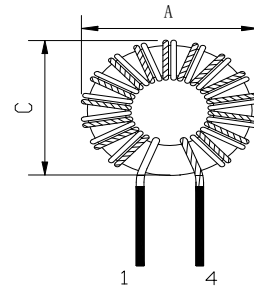
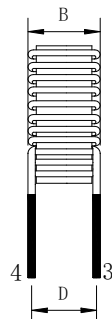


Fig.3



● DIFFERENTIAL MODE INDUCTANCE: 差模电感

TYPE	INDUCTANCE	Fig	A	B	C	(D)
CKTC3726	2.0uH~35uH	1	12.0	5.5	12.0	4.5
CKTC3826	2.0uH~45uH	1	12.0	7.0	12.0	6.0
CKTC4426	3.0uH~50uH	1	13.0	6.0	13.0	5.0
CKTC5026	5.0uH~60uH	1	15.0	8.0	15.0	6.0
CKTC6026	5.0uH~70uH	1	18.0	8.5	18.0	7.0
CKTC6826	22uH~500uH	1	22.0	11.0	22.0	6.0
CKTC8026	50uH~1000uH	1	26.0	13.0	26.0	8.0
CKTC9026	90uH~1800uH	1	29.5	15.0	29.5	11.0
CKTC10626	90uH~2000uH	1	36.0	19.5	36.0	13.0
CKTCS078125	2.2uH~33uH	1	11.0	6.0	11.0	4.0
CKTCS096125	4.7uH~200uH	1	13.0	6.5	13.0	5.0
CKTCS097125	4.7uH~300uH	1	13.0	7.0	13.0	5.5
CKTCS102125	4.7uH~300uH	1	13.5	7.0	13.5	5.5
CKTCS112125	4.7uH~200uH	1	16.0	8.0	16.0	6.0
CKTCS127125	10uH~470uH	1	18.0	9.5	18.0	6.5
CKTCS172125	10uH~470uH	1	22.0	11.5	22.0	8.0
CKTCS203125	10uH~470uH	1	25.0	12.0	25.0	8.5
CKTCS270125	22uH~560uH	1	33.0	17.0	33.0	13.0

● COMMON MODE INDUCTANCE: 共模电感

TYPE	INDUCTANCE	Fig	A	B	C	(D)
CKTC050303	1.0uH~470uH	3	8.0	6.0	8.0	4.0
CKTC060303	1.0uH~650uH	3	9.0	6.0	9.0	4.0
CKTC080403	1.0uH~700uH	3	11.0	7.0	11.0	4.5
CKTC090503	5.0uH~1000uH	2、3	12.5	7.5	12.5	4.5
CKTC100604	5.0uH~1200uH	2、3	14.5	8.5	14.5	5.0
CKTC120705	6.0uH~10000uH	2、3	17.0	10.0	17.0	6.0
CKTC140807	10uH~20000uH	2、3	19.0	13.0	19.0	8.0
CKTC160905	10uH~20000uH	2、3	21.0	11.0	21.0	6.5
CKTC181007	10uH~30000uH	2	23.5	14.0	23.5	8.5
CKTC201010	22uH~30000uH	2	26.5	17.0	26.5	11.5
CKTC221408	22uH~35000uH	2	29.0	16.0	29.0	9.5
CKTC251510	22uH~35000uH	2	33.0	18.5	33.0	12.0
CKTC311913	33uH~35000uH	2	40.0	20.0	40.0	16.0

● Apply 应用

DC/DC转换器, EMI过滤器应用;

Each DC / DC converter, EMI filter application

电源线输入和输出滤波器, 针对突发信号进行优化; EMC滤波、电源线路滤波、共模干扰抑制。

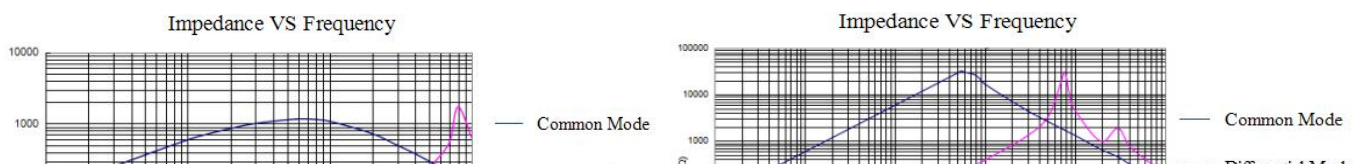
Power line input and output filter are optimized for burst signal; EMC filter, power line

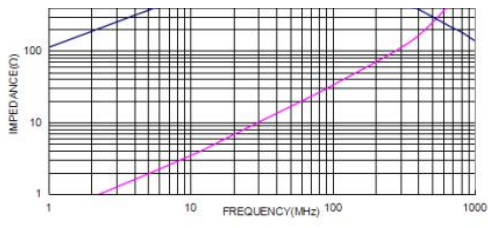
针对突发信号优化了电力线输入和输出滤波器; EMC滤波器, 电源线

filter, and co-mode interference suppression.

滤波器, 和共模干扰抑制。

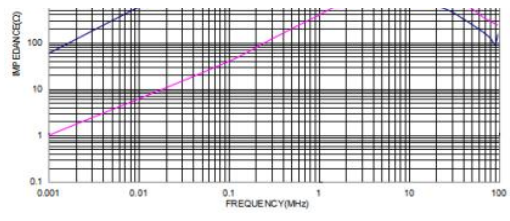
● Features Parameter 特性参数





CKTC080403-6uH

Differential Mode



CKTC120705-12mH

Differential Mode