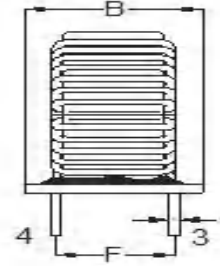
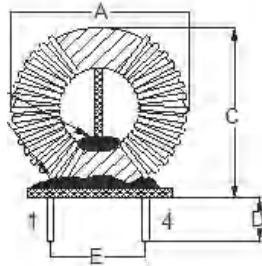


■ 环形系列共模电感 Ring series common-mode inductors

结构及外形尺寸 Dimensions of structure and shape



Part Number	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	D (mm)	G (mm)	INDUCTANCE (1kHz, 1.0V) mH Min
GCTC1065	13 max	8 max	15 max	6.0±0.5	6.0±0.5	4.0±0.5	0.4±0.1	1.0-15
GCTC1264	15 max	8 max	16 max	7.0±0.5	6.0±0.5	4.0±0.5	0.4±0.1	1.0-20
GCTC1495	17 max	10 max	18 max	9.0±0.5	7.0±0.5	4.0±0.5	0.5±0.1	1.0-25
GCTC1695	19 max	10 max	20 max	9.0±0.5	7.0±0.5	4.0±0.5	0.5±0.1	1.0-30
GCTC1895	22 max	10 max	23 max	12.0±0.5	8.0±0.5	4.0±0.5	0.7±0.1	1.0-35
GCTC2010	24 max	13 max	24 max	13.0±0.5	11.0±0.5	4.0±0.5	0.8±0.1	1.0-40

特性 Features

环形共模电感是开关电源, 变频器、UPS电源, 电子整流器等设备中的一个重要部分。

Ring common mode inductor is an important part of switching power supply, frequency converter, UPS power supply, electronic rectifier and so on.

其工作原理: 当工作电流流过两个绕向相反线圈时产生两个相互抵消的磁场 H_1 、 H_2 此时工作电流主要受线圈电阻

Its working principle: when the working current flows through two opposite-wound coils, it produces two mutually canceling magnetic fields H_1 and H_2 . At this time, the working current is mainly affected by the coil resistance

以及可忽略不计的工作频率下小漏电感的阻尼。如果有干扰信号流过线圈时线圈即呈现出高阻抗

And the damping of small leakage inductor at negligible operating frequency. If there is interference signal flow through the coil when the coil is a high impedance

产生很强的阻尼效果达到衰减干扰信号作用。电感线圈的特点: 扼流线圈; 频率特性优良; 良好的衰减特性;

A strong damping effect is produced to attenuate the interference signal. Characteristics of inductance coil: choke coil; excellent frequency characteristics; good attenuation characteristics;

工作温度范围: -40~125°C

Operating temperature range: -40~125°C

应用 Applications

精密仪器

Precision instruments

程控交换机模块电源

The Stored program control exchange module power supply

医疗仪器电源, 工业电源

Medical instrument power supply, industrial power supply

智能家用电器

Intelligent household appliances

★ 产品可以按客户要求定制

Products can be customized according to customer requirements