



线圈系列

Coil Series ■■

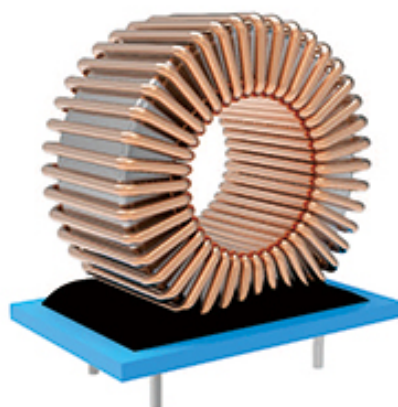
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特点与用途

- ◆ 共模电感、差模电感、功率电感；
- ◆ 采用锰锌、镍锌、铁粉芯、铁硅铝、非晶等材质；
- ◆ 各种结构尺寸、脚距、排距、底座尺寸可根据客户需求进行定制；
- ◆ 广泛应用于开关电源、整流器、晶闸管控制电路、输出扼流和EMI/RFI扼流圈、滤波器及其他线路板产品。

Features & Applications

- ◆ Common mode inductors, differential mode inductors, power inductors.
- ◆ Use manganese-zinc, nickel-zinc, iron powder core, sendust, amorphous and other materials.
- ◆ Various structure and sizes, foot pitches, row pitches, and base sizes can be customized according to customer needs).
- ◆ It is widely used in switching power supplies, rectifiers, thyristor control circuits, output chokes and EMI/RFI chokes, filters and other circuit board products.



技术参数 Technical Parameter

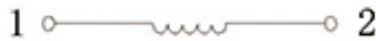
额定电流 Rated current	1 ~ 40A
绝缘等级 Insulation Class	≥B级(class) (130℃)

绝缘电阻 Insulation resistance	绕组-绕组 (Winding-Winding) ≥100MΩ@500VDC 绕组-外壳 (Winding-Casing) ≥100MΩ@500VDC
高压测试 High-voltage test	绕组-绕组 (Winding-Winding) 1500VAC/1min 绕组-外壳 (Winding-Casing) 2000VAC/1min

电路原理图 Circuit Schematic

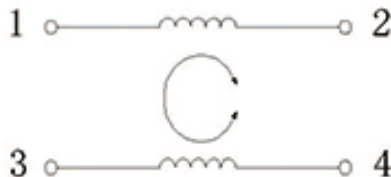
1. 差模线圈

Differential Mode Coil



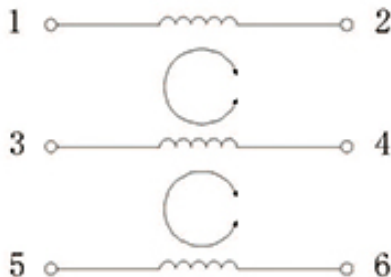
2. 单相共模线圈

Single-phase Common Mode Coil



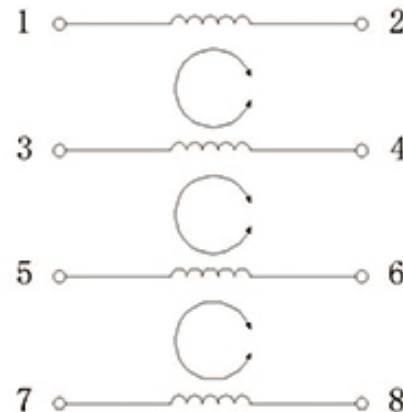
3. 三相三线共模线圈

Three-phase Three-wire Common Mode Coil

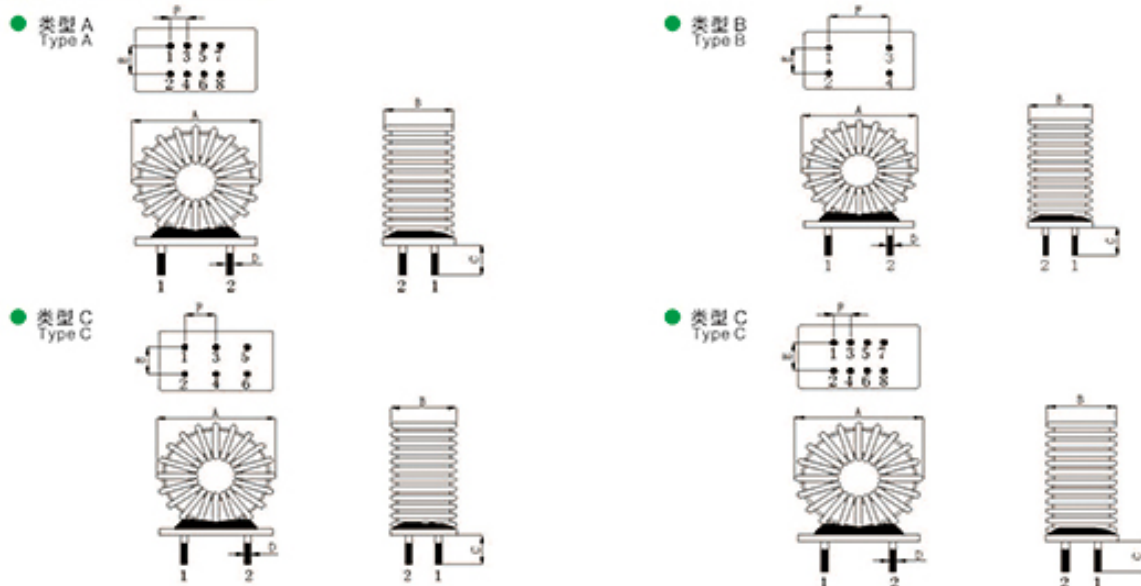


4. 三相四线共模线圈

Three-phase Four-wire Common Mode Coil



外形图 Outline Drawing



常用规格 Specification

磁环电感型号 Magnetic ring inductance model	电感值 Inductance Value	A(mm)	B(mm)	工作频率 Working Frequency	目录 List
T8*4*3	0.2mH-1.0mH	12	7	10KHZ-10MHZ	数据更新中 Data updating
T9*5*3	0.8mH-3.0mH	13	7	10KHZ-10MHZ	
T10*6*5	0.8mH-3.1mH	14	9	10KHZ-10MHZ	
T12*6*4	1.5mH-4.0mH	16	8.5	10KHZ-10MHZ	
T14*9*5	1.5mH-4.5mH	18	10	10KHZ-10MHZ	
T16*9*5	1.8mH-5.0mH	20	10	10KHZ-10MHZ	
T18*10*8	2.5mH-6.0mH	23	13	10KHZ-10MHZ	
T20*10*10	3.0mH-10.0mH	24	15	10KHZ-10MHZ	
T22*14*8	3.5mH-12.0mH	26	13	10KHZ-10MHZ	
T25*15*10	5.0mH-20.0mH	30	15	10KHZ-10MHZ	
T25*15*13	5.0mH-25.0mH	30	18	10KHZ-10MHZ	
T31*19*13	3.0mH-25.0mH	36	18	10KHZ-10MHZ	
T38*19*13	3.0mH-25.0mH	44	18	10KHZ-10MHZ	
T48*30*15	10.0mH-30.0mH	54	20	10KHZ-10MHZ	
T78*50*16	10.0mH-50.0mH	88	25	10KHZ-10MHZ	
T85*55*25	10.2mH-50.0mH	96	40	10KHZ-10MHZ	
T102*65*20	10.2mH-50.0mH	115	40	10KHZ-10MHZ	

备注:

- 1、表中所列尺寸为公司常用规格尺寸，其他规格尺寸均可按照客户要求生产；
- 2、可根据客户要求定制电抗器；
- 3、我司可推荐选型，并提供谐波抑制和处理方案及技术支持。

REMARKS:

- 1.The dimension on the above chart is our common specifications, we can produce as customer's requests.
- 2.The reactor can be customized according to customer's requests.
- 3.We can recommend the selection and provide the harmonic suppression, solutions and technical supports.