晶森
CHIP SEN

晶森电子科技(香港)有限公司
东莞市晶森电子科技有限公司
东莞市健阳达电子有限公司

Web: www.chipsen.com.cn

电子元件
中国供应商

ISO 9001:2008
ISO 14001:2004
UL绝缘系统
认证企业

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地址：江西省南昌高新技术开发区

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Introduction Company 公司简介

Web: www.chipsen.cn
www.chipsen.com.cn

东莞市晶森电子科技有限公司成立于2000年，公司通过ISO9001:2008,ISO14001:2004及UL绝缘系统认证，是一家集设计、研发、生产、销售为一体的高科技企业。

晶森电子科技有限公司专业从事高品质电子变压器、贴片电感、电感线圈、色环电感、磁环电感、滤波器、共模线圈等产品的生产及销售，主要市场有香港、台湾、东南亚、美国及欧盟等国家和地区。产品广泛应用于手机、数码相机、电脑显卡网卡、网络通讯设备、大功率LED、TFT、EL等电子产品。

晶森电子科技有限公司以优秀的经营团队、专业的研发队伍、庞大的生产规模、良好的售后服务、完善的管理制度，在市场竞争中不断地开拓创新，以满足客户不同时期的发展需求.

CHIPSEN Electronics Technology Co.,Ltd was founded in 2000 and is hightech company who is systemized production design R&D and sales, the company passed the ISO9001:2008, ISO14001:2008 certification and UL insulation system.

CHIPSEN Electronics Technology Co.,Ltd is specialized in the research and production of Electronic Transformers, SMD Power, Inductors Coils, Fixed Inductors, Toroidal Coils, Common Mode Chokes, adapter and so on. Mainly markets are HK, Taiwan, Asia, U.S and other european countries. Our products are by using in the Mobile Phone, Digital Cameras, Computer's VGA cards, ADSL/VDSL MODEM, Large Power LED, TFT, EL, etc.

CHIPSEN Electronics Technology Co.,Ltd possess first class management team. Professional R&D ability, large production volume, good after service and perfect management rule so that we could exploit and innovate continuously to meet marking requirement.

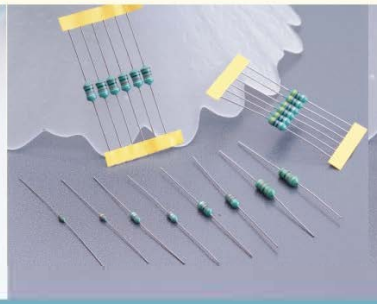
产品展示

坚持最佳的品质

追求卓越的服务

品质方针

- 公司承诺以品质为第一目标，建立，实施及不断完善和改进公司品质系统。
- 严管理，低消耗，高效率，不断改进和提高产品质量。
- 产出品质最好的电子元件，确保每件产品都符合客户的品质要求。



电子元件中国优质制造商

ISO9001质量管理认证书

ISO9001质量管理认证书

ISO14001
环境管理认证书

ISO14001
环境管理认证书

UL安全认证书

实用新型专利证书

品质方针：

◆公司承诺以品质为第一目标，建立、实施及不断完善和改进公司品质系统。

◆严管理，低消耗，高效率，不断改进和提高产品质量。

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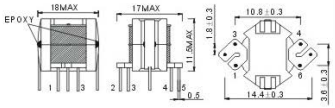
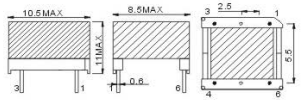
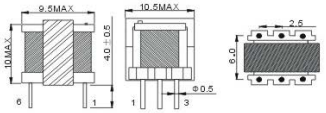
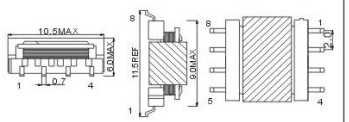
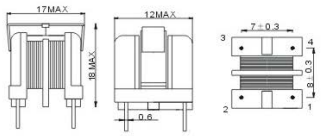
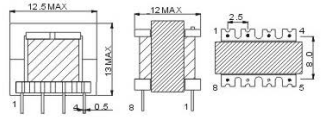
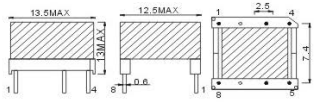
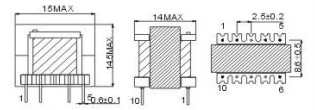
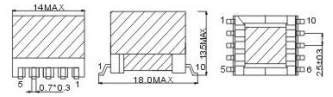
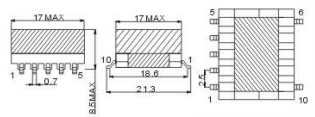
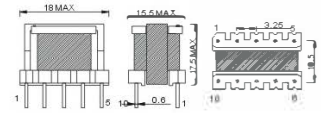
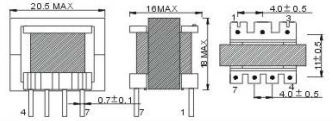
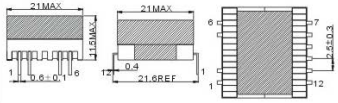
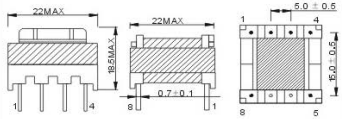
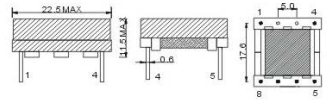
TYPE	STRUCTURE	DIMENSIONS(mm)	SPECIFICATIONS
RM5			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:3W
EP-7			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:3W
EE8.3			DC-DC converter Operating Freq:Max.300KHz Max.OperatingPower: 0.6W(100KHz) 1.1W(300KHz)
ER9.5			DC-DC converter Operating Freq:Max.600KHz Max.OperatingPower: 930mW(100KHz) 2.1W(300KHz) 3.5 W(600KHz)
UU9.8			AC COMMON MODE CHOKES Inductance:4.7mH-30.0mH D.C.R:0.15Ω---4.00Ω Rated Current:0.20A-1.0A
EE-1●			DC-DC converter Operating Freq:Max.400KHz Max.Operating Power: 1.5W(100KHz) 6.0 W(400KHz)
EP-1●			DC-DC converter Operating Freq:Max.400KHz Max.Operating Power: 1.5W(100KHz) 6.0 W(400KHz)

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

TYPE	STRUCTURE	DIMENSIONS(mm)	SPECIFICATIONS
EE13			DC-DC converter Operating Freq:Max.500KHz Max.Operating Power: 2.8W(100KHz) 5.7 W(300KHz) 9.3W(500KHz)
EP-13			DC-DC converter Operating Freq:Max.500KHz Max.Operating Power: 2.8W(100KHz) 5.7 W(300KHz) 9.3W(500KHz)
EFD15			Inverter transformers Operatin Freq:Max.200KHz Max Open Voltage:1600Vrms Max Lamp Wattage:3.5W
EE-16			DC-DC converter Operating Freq:Max.500KHz Max.Operating Power: 4.2W(100KHz) 6.3 W(300KHz) 10.8W(500KHz)
EE19			DC-DC converter Operating Freq:Max.300KHz Max.Operating Power: 8.0W(100KHz) 15.0 W(300KHz)
EPC19			Inverter transformers Operatin Freq:Max.200KHz Max Open Voltage:1800Vrms Max Lamp Wattage:5.5W
EF2●			AC COMMON MODE CHOKES Inductance:2.0mH-80mH D.C.R:0.30Ω---4.00Ω Rated Current:0.15A-1.0A
EFD-2●			Inverter transformers Operatin Freq:Max.300KHz Max Open Voltage:2000Vrms Max Lamp Wattage:7.0W

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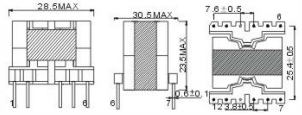
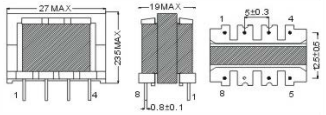
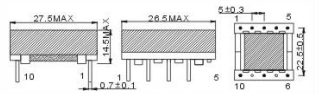
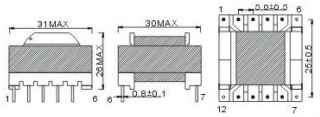
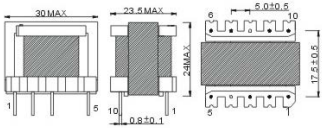
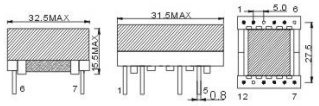
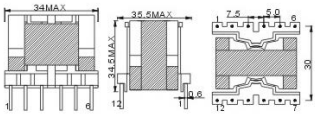
TYPE	STRUCTURE	DIMENSIONS(mm)	SPECIFICATIONS
PQ2620			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:60.0W
EE-25			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:50W
EFD-25			Inverter transformers Operatin Freq:Max.200KHz Max Open Voltage:1600Vrms Max Lamp Wattage:10.0W
ER28			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:85W
EI-28			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:60W
EFD-30			Inverter transformers Operatin Freq:Max.200KHz Max Open Voltage:1600Vrms Max Lamp Wattage:12W
PQ3230			AC-DC converter Operating Freq:Max.100KHz Max.Operating Power:100W

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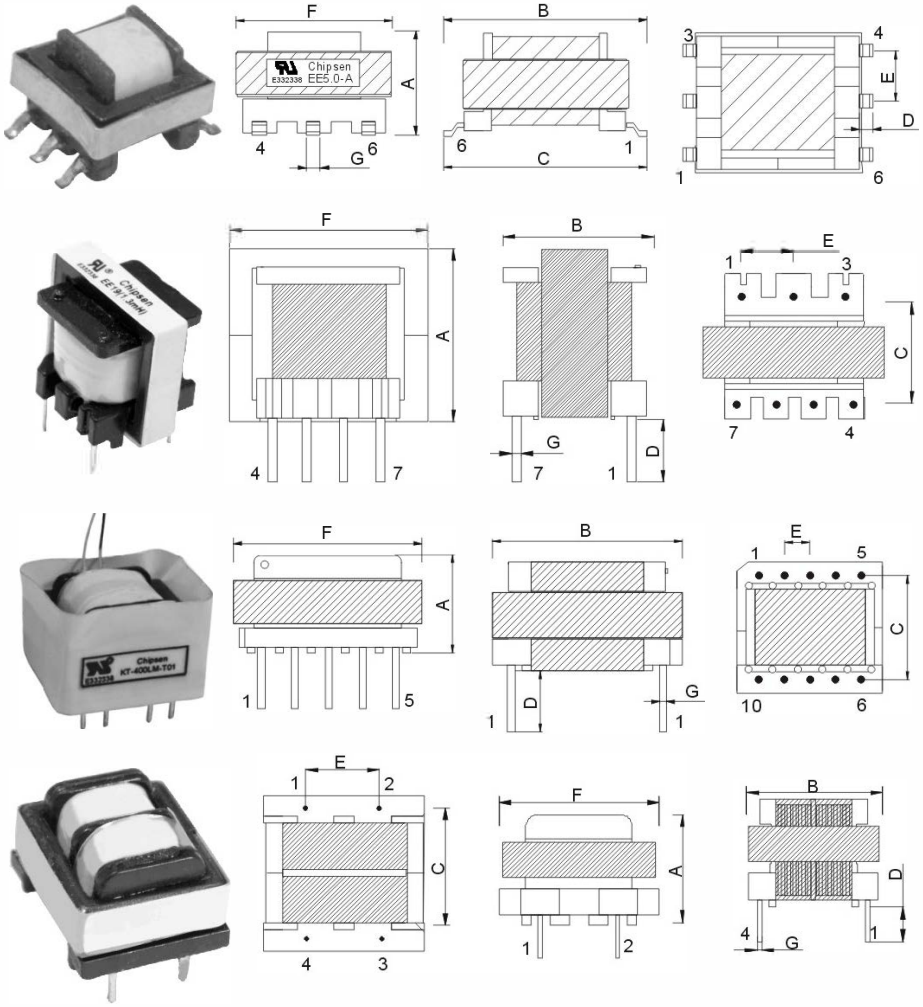

特点及应用范围：

具有适用范围广，工做频率高，工做电压范围宽，输出攻率大等. 广乏应用于开关电源、计算机、LED照明及家用电器医疗器材等。

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序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EE-5.0	3+3	4.9	5.2	7.8	1.3	1.8	5.2	0.5	SMD
CH-EE-8.3	3+3	7.6	8.0	6.0	4.0	2.5	8.0	0.4	V
CH-EE-8.3	2+2	8.4	9.0	6.8	3.0	5.0	8.1	0.5	H-2
CH-EE-10	4+4	10.1	10.3	8.0	3.0	2.5	10.3	0.5	V
CH-EE-10	2+2	9.3	8.7	6.8	4.0	5.0	9.5	0.5	H-2
CH-EE-10	4+4	10.7	12.3	10.5	4.0	2.5	10.2	0.5	H
CH-EE-10.2	4+4	10.8	14.9	12.5	4.0	2.5	10.0	0.6	V
CH-EE-12	2+2	8.7	15.0	12.0	2.0	6.0	11.5	0.5	H-2
CH-EE-13	4+4	12.50	12.0	10.0	4.0	2.5	13.0	0.5	H
CH-EE-13	4+4	12.80	16.8	13.0	4.0	3.5	13.0	0.7	V
CH-EE-13	5+5	12.8	12.2	8.8	4.0	2.5	12.5	0.6	V
CH-EE-13	5+2	13.2●	19.3●	16.●	4.●	2.75/9.●	13.2	●.6	H
CH-EE-13	3+3	13.1	16.0	12.5	4.0	3.0	14.0	0.6	V
CH-EE-13	3+3	7.5	13.6	11.5	4.0	3.2	9.4	0.6	V
CH-EE-13	5+2	12.8	16.1	13.0	4.0	2.5/3.0	14.8	0.6	V
CH-EE-13	3+3	13.0	13.4	10.0	4.0	5.0	13.5	0.6	H-2
CH-EE-13	5+5	11.35	12.1	8.5	4.0	2.5	12.2	0.6	V-2
CH-EE-15	2+2	8.5	15.0	12.0	2.0	6.0	12.0	0.6	H-2
CH-EE-16	5+5	13.5	16.0	12.5	4.0	2.5	16.0	0.6	H
CH-EE-16	5+5	12.5	18.3	15.40	4.0	3.25	16.0	0.7	H
CH-EE-16	5+5	13.4	20.5	17.40	4.0	3.25	15.8	0.7	H
CH-EE-16	4+4	14.4	13.6	11.0	4.0	3.0	15.0	0.6	H
CH-EE-16	3+3	13.11	12.9	9.0	4.0	3.0	11.9	0.6	V
CH-EE-16	4+6	16.4	15.5	12.0	4.0	3.5/2.7	17.7	0.6	V
CH-EE-16	3+3	8.3	16.8	12.7	4.0	3.8	13.0	0.5	V
CH-EE-16	6+6	11.5	15.6	12.5	4.0	2.5	15.0	0.5	H-4

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序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EE-16	3+3	8.3	16.8	12.7	4.0	3.8	13.0	0.5	H-S
CH-EE-16	4+2	13.0	14.7	11.0	4.0	3.0/13.2	16.0	0.6	H
CH-EE-16	5+5	14.5	13.0	10.5	4.0	3.2	16.0	0.6	V
CH-EE-16	6+2	13.0	18.3	15.5	4.0	2.56/12.8	16.0	0.7	H
CH-EE-16	4+4	12.2	14.5	10.2	4.0	3.8	14.9	0.7	V
CH-EE-16	4+4	11.9	16.8	14.5	4.0	3.5	16.6	0.6	V
CH-EE-16	4+4	12.85	19.6	15.6	4.0	3.8	16.0	0.6	H
CH-EE-16	4+2	11.7	18.0	15.5	4.0	3.8	16.0	0.6	H
CH-EE-16	2+2	15.2	14.8	11.0	4.0	5.20	11.0	0.6	V
CH-EE-16	4+2	11.7	18.0	15.5	4.0	3.8	16.0	0.6	H
CH-EE-16	4+4	11.7	18.2	15.6	4.0	3.8/3.3	16.0	0.6	H
CH-EE-16	4+4	13.2	19.8	15.7	4.●	3.8	16.●	●.6	H
CH-EE-16	5+4	4.9	16.8	14.5	4.0	3.0/3.5	16.6	0.6	H
CH-EE-16	4+4	7.6	21.0	17.78	4.0	3.81/5.1	18.0	0.6	H
CH-EE-16	2+2	8.4	18.0	12.6	4.0	10.0	17.5	0.6	H
CH-EE-16	5+5	10.1	18.0	15.5	4.0	3.25	16.8	0.6	H
CH-EE-16	5+2	9.3	17.1	13.75	4.0	3.25/13.0	17.3	0.6	H
CH-EE-16	6+4	10.7	14.4	12.1	4.0	2.7/3.5	16.0	0.6	H
CH-EEL-16	4+6	10.8	16.0	12.7	4.0	3.8/2.54	18.0	0.6	H
CH-EE-16	5+4	8.7	18.9	15.6	4.0	3.0/2.3	16.5	0.6	H
CH-EE-16	5+4	12.50	18.9	15.6	4.0	3.0/2.3	16.5	0.6	H
CH-EE-16	6+6	12.80	14.50	12.5	4.0	2.5	14.5	0.6	H
CH-EE-19	5+5	12.8	17.6	12.5	4.0	3.0	19.0	0.7	H-4
CH-EE-19	5+5	13.20	17.6	12.5	4.0	3.0	19.0	0.7	H-2
CH-EE-19	4+4	13.1	16.0	12.8	4.0	4.80	19.0	0.7	H-2
CH-EEL-19	5+5	7.5	16.0	10.0	4.0	4.0	22.6	0.8	V
CH-EEL-19	5+7	12.8	30.0	25.0	4.0	3.5	26	0.8	H

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A±1.0	B±1.0	C±0.5	D±0.5	E±0.3	F±1.5	G±0.1	
CH-EEL-19	5+5	13.0	30.0	24.1	4.0	3.5	20.96	0.8	H
CH-EE-19	5+5	11.35	15.8	10.3	4.0	4.0	21.7	0.8	V
CH-EE-19	4+4	8.5	16.0	12.5	4.0	4.73	19.0	0.6	H-2
CH-EE-19	3+4	13.5	14.8	11.0	4.0	4.0	14.8	0.7	V
CH-EE-19	3+3	16.2	14.9	11.5	4.0	5.0	13.7	0.7	V
CH-EEL-19	4+6	30.5	16.3	10.6	4.0	3.5/2.8	17.7	0.6	V
CH-EE-19	4+6	20.8	15.6	12.0	4.0	3.5/2.7	17.7	0.6	V
CH-EE-19	5+5	15.0	16.0	13.0	4.0	4.0	20.0	0.7	V
CH-EE-19	5+5	16.5	15.8	13.0	4.0	3.9	20.2	0.7	V
CH-EE-19	3+3	14.44	16.2	11.0	4.0	4.95	19.0	0.7	V
CH-EE-19	4+6	17.8	15.0	12.0	4.0	3.5/2.7	18.5	0.7	H-2
CH-EE-19	4+5	16.85	19.5	15.3	4.0	4.0/5.0/6.0	20.0	0.7	V
CH-EE-22	5+5	18.4	15.7	10.0	4.0	4.0	22.2	0.8	V
CH-EEL-22	5+7	18.4	36.30	27.8	4.0	5.0/3.5	27.5	0.8	V
CH-EE-22	5+5	21.4	15.6	10.2	4.0	4.0	22.0	0.8	V
CH-EE-22	6+6	17.0	19.5	14.6	4.0	4.0	26.0	0.7	H
CH-EE-25	6+6	17.0	19.5	14.6	4.0	4.0	26.0	0.7	H
CH-EE-25	4+4	25.1	17.6	12.5	4.0	5.0	20.0	0.8	V
CH-EE-25	5+5	19.7	20.0	15.0	4.0	5.0	25.0	0.8	V
CH-EE-25	6+6	20.5	26.3	20.3	4.0	5.0	35.5	0.64	H-4
CH-EE-25	3+3	20.1	17.0	12.5	4.0	5.0	17.0	0.80	V
CH-EE-25	5+6	18.9	19.0	15.6	4.0	4.0/7.5/5.5/4.5	26.5	0.80	V
CH-EE-25	5+5	16.7	21.2	15.5	4.0	5.0	26.5	0.80	V
CH-EE-25	4+4	27.0	25.0	21.0	4.0	6.0	21.0	0.80	H-2
CH-EE-25	5+8	19.5	20.7	15.2	4.0	5.0/3.5	28.7	0.80	V

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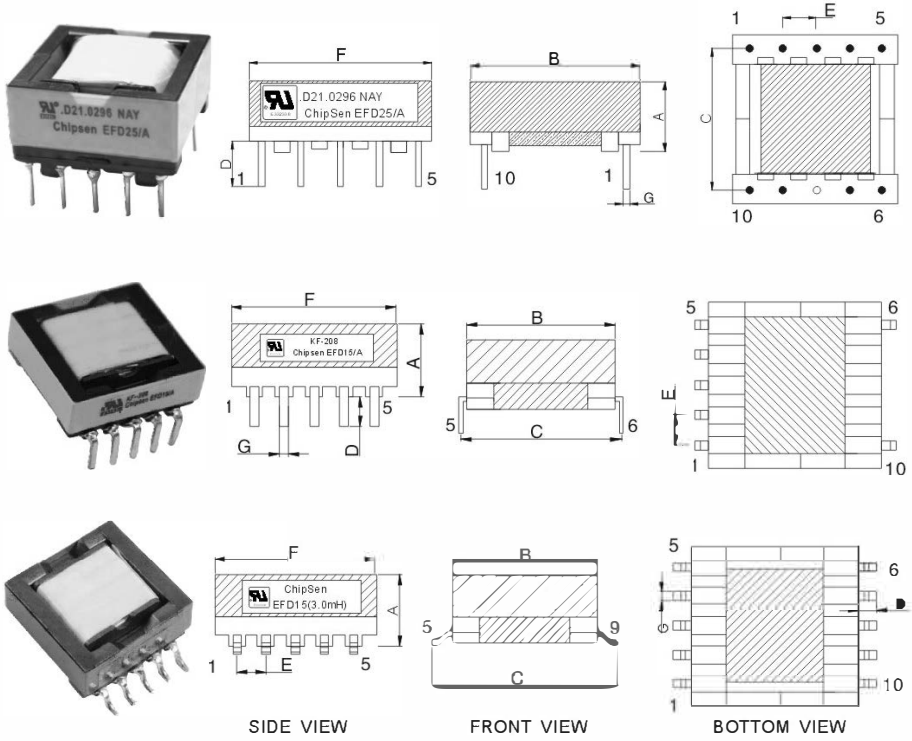
序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A±1.0	B±1.0	C±0.5	D±0.5	E±0.3	F±1.5	G±0.1	
CH-EE-25	2+2	22.8	20.0	15.0	4.0	14.0	18.5	0.80	V
CH-EE-28	6+6	19.9	24.1	17.6	4.0	5.0	29.0	0.80	V
CH-EE-28	5+5	19.0	22.1	17.5	4.0	5.0	26.2	0.80	V
CH-EE-28	8+8	19.7	25.0	20.0	4.0	4.0	31.2	0.80	V
CH-EE-28	5+5	23.2	34.2	26.2	4.0	4.8/5.2	28.0	0.80	H
CH-EE-30	3+3	30.7	19.8	12.5	4.0	7.5	23.1	0.80	V
CH-EE-30	3+3	30.7	19.8	12.5	4.0	7.5	23.1	0.80	V-2
CH-EE-30	5+5	18.6	28.7	25.6	4.0	5.0	24.1	0.80	H
CH-EE-30	6+6	21.2	32.5	25.6	4.0	5.1	32.7	0.8	H
CH-EE-33	6+6	27.8	28.8	22.5	4.0	5.0	29.2	0.8	V
CH-EE-33	18+18	27.2	29.0	22.8	4.0	2.54	46.8	0.8	V
CH-EE-33	7+7	25.6	28.5	25.●	4.●	5.●	33.5	●.8	H
CH-EE-35	2+2	31.0	26.5	22.0	4.0	19.5	25	0.8	H
CH-EE-35	7+7	22.5	39.0	29.5	4.0	4.5	30.0	0.7	H
CH-EE-40	7+7	27.5	33.5	25.8	4.0	5.0	38.5	0.8	H
CH-EE-40	6+6	31.0	28.0	22.5	4.0	5.0	32.2	0.8	V
CH-EE-42/16	9+9	45.2	32.2	27.5	4.0	5.0	45.2	1.0	V
CH-EE-42/20	9+9	44.1	38.5	27.4	4.0	5.0	45.5	1.0	V
CH-EE-42/15	8+9	39.3	39.1	34.5	4.0	2.4/5.0	40.8	1.0	H
CH-EE-55	10+10	50.2	48.7	45.0	4.0	5.0/7.5	53.7	1.0	H
CH-EE-55	7+7	42.6	43.3	39.4	4.0	5.0	38.3	0.8	V

备注：

H	Horizontral type (卧式类型)
V	Vertical type (立式类型)
V-2	Vertical double groove TYPE(立式双槽类型)
H-2L	Horizontal double groove type L(卧式双槽L型脚位)
H-2	Horizontal double slot skeleton TYPE(卧式双槽类型)
H-4	Horizontal four slot skeleton TYPE(卧式四槽类型)
SMD	SMD type(贴片类型)

*所有产品的尺寸、电气性能均可按客户要求进行研发设计



序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EFD-10	4+4	5.1	14.6	13	4.0	5.3/10.6	14.8	0.6	H
CH-EFD-15	2+3	8.4	16.0	13.0	4.0	5.3/10.6	14.8	0.6	H-4
CH-EFD-15	4+4	8.1	22.4	19.2	4.0	3.75	15.1	0.6	H
CH-EFD-15	4+4	8.2	16.2	13.8	4.0	3.75	15.1	0.6	H
CH-EFD-15	5+5	7.45	21.5	21.5	4.0	2.5	15.0	0.7	SMD

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高频变压器EFD型系列
HIGH FREQUENCY TRANSFORMER OF EFD SERIES

序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EFD-15	4+5	9.0	16.2	13.2	4.0	2.5/3.75	15.3	0.6	H
CH-EFD-20	4+4	10.0	20.0	17.5	4.0	5.0	20.0	0.6	H
CH-EFD-20	5+5	11.26	20.1	17.6	3.7	4.0	20.0	0.5	H
CH-EFD-20	5+6	11.26	20.1	17.6	4.0	3.0/3.7	20.0	0.6	H
CH-EFD-20	3+7	11.0	27.0	24.5	4.0	3.0/5.0	23.0	0.6	H
CH-EFD-20	3+7	10.5	25.0	22.5	4.0	3.0/5.0	23.0	0.6	H
CH-EFD-20	5+5	9.6	27.5	24.5	4.0	3.8	21.5	1.0	SMD
CH-EFD-25	5+5	13.0	25.8	22.5	4.0	5.0	25.0	0.7	H
CH-EFD-25	5+5	13.2	26.0	22.5	4.0	5.0	25.0	0.64	H-4
CH-EFD-25	4+5	16.5	27.9	24.7	4.0	4.0/5.0	24.9	0.80	H
CH-EFD-25	5+7	13.5	52.8	52.0	4.0	3.5/5.0	25.5	0.80	H-2L
CH-EFD-30	6+6	12.6	31.0	27.5	4.0	5.0	30.0	0.70	H
CH-EFD-30	5+7	12.4	53.0	52.3	4.0	5.0/3.8	30.1	0.70	H-2L
CH-EFD-30	6+9	12.2	31.6	37.2	4.0	4.2/2.5	30.0	0.64	H-2L
CH-EFD-35	6+6	11.5	59.0	58.4	4.0	5.5	35.8	0.60	H-2L
CH-EFD-40	7+9	12.7	66.6	65.8	4.0	5.0	45.0	0.8	H
CH-EFD-40	7+9	12.7	65.8	65.0	4.0	5.0	45.0	0.8	H-2L
CH-EFD-40	6+6	10.5	65.8	36.0	2.0	4.0	31.5	0.5	H-2L
CH-EFD-40	8+8	20.0	42.6	35.0	4.0	5.0	41.0	1.0	H
CH-EFD-43	5+7	12.6	58.8	58.0	3.5	5.0	6.0	33.0	H
CH-EFD-50	7+9	12.65	73.3	72.5	2.5	2.4/5.0	5.0	45.0	H
CH-EFD-50	10+10	24.0	57.5	52.5	4.0	5.0/7.5	5.0	48.6	H-2
CH-EFD-50	8+8	19.6	49.2	39.8	4.0	5.0	6.0	49.3	H-2

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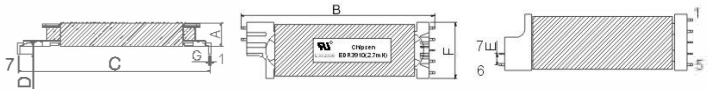

序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EDR-2009	5+3	9.0	34.5	34.0	2.3	3.0	15.0	0.5	V
CH-EDR-2609	5+3	9.0	40.5	40.0	2.3	3.0	15.0	0.5	V
CH-EDR-2609	5+5	9.0	40.5	40.0	1.8	3.0	15.0	0.5	V
CH-EDR-2810	5+2	10.0	42.9	42.5	3.3	3.0	15.0	0.4	V
CH-EDR-2810	5+4	10.0	42.9	42.5	3.3	3.0	15.0	0.4	V
CH-EDR-3909	5+3	9.0	53.5	53.0	2.0	3.0	15.0	0.4	V

备注：

H Horizontral type (卧式类型)

V Vertical type (立式类型)

V-2 Vertical double groove type(立式双槽类型)

H-2L Horizontal double groove type L(卧式双槽L型脚位)

H-2 Horizontal double slot skeleton type(卧式双槽类型)

H-4 Horizontal four slot skeleton type(卧式四槽类型)

SMD SMD type(贴片类型)

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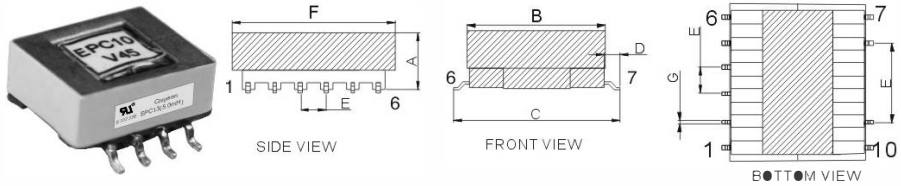

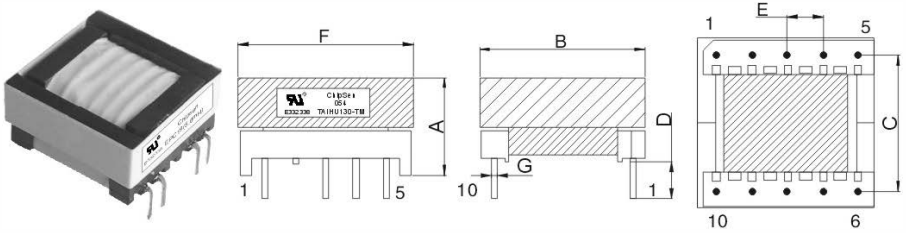

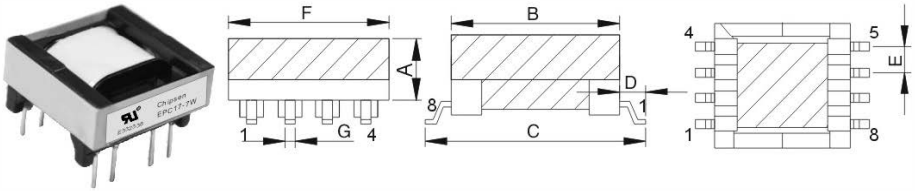

序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EPC-10	4+4	4.95	11.5	11.5	2.0	2.0	10.8	0.3	SMD
CH-EPC-13	5+5	7.0	19.5	19.5	3.0	2.5	11.6	0.35	SMD
CH-EPC-13	5+5	7.0	19.5	19.5	3.0	2.5	11.6	0.7	H-4SMD
CH-EPC-13	5+5	6.65	17.5	17.0	2.0	2.5	11.5	0.5	H-L
CH-EPC-13	5+5	7.4	13.3	10.5	4.0	2.5	13.3	0.6	H-4

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序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EPC-13	5+5	13.3	13.3	10.5	3.5	2.5	13.3	0.5	H
CH-EPC-17	5+5	14.9	14.9	13.0	4.0	3.0	16.9	0.5	H
CH-EPC-17	4+6	17.6	17.6	15.0	4.0	3.7/2.5	17.2	0.6	H
CH-EPC-17	4+0	10.1	10.1	0	4.0	3.70	17.3	0.6	V
CH-EPC-17	5+0	10.1	10.1	0	4.0	3.50	17.3	0.6	V
CH-EPC-19	4+6	24.0	24.0	24.0	2.55	2.5	19.0	0.6	H-6/SMD
CH-EPC-19	4+6	22.2	22.2	21.6	3.5	2.5	19.0	0.6	H-6L
CH-EPC-19	6+6	22.2	22.2	21.6	2.8	2.5	19.0	0.6	H-6L
CH-EPC-19	6+6	24.0	24.0	24.0	2.55	2.5	19.0	0.6	H-6/SMD
CH-EPC-25	4+6	29.7	29.7	29.7	3.5	3.75	24.9	0.6	H-6/SMD
CH-EPC-25	5+6	25.1	25.1	20.2	4.0	5.0/3.75	25.4	0.8	H
CH-EPC-39	7+7	40.5	40.5	30.0	4.0	5.0	36.0	1.0	H
CH-EPC-46	9+9	46.7	46.7	35.0	4.0	5.0	44.4	1.0	H-2
CH-EPC-54	11+11	48.0	48.0	42.5	4.0	5.0	53.5	1.0	H-2

备注：

H	Horizontral type (卧式类型)
V	Vertical type (立式类型)
V-2	Vertical double groove type(立式双槽类型)
H-2L	Horizontal double groove type L(卧式双槽L型脚位)
H-2	Horizontal double slot skeleton type(卧式双槽类型)
H-4	Horizontal four slot skeleton type(卧式四槽类型)
SMD	SMD type(贴片类型)
H-6L	Horizontal type six-slot 卧式六槽

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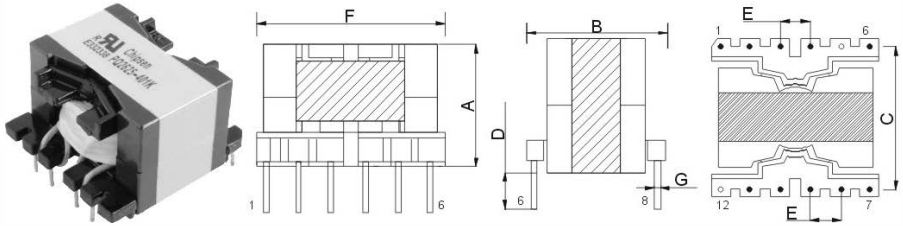

序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-PQ-2016	6+8	18.3	23.0	20.4	4.0	3.8/5.0/2.5	23.0	0.6	V
CH-PQ-2020	6+8	20.8	23.0	20.4	4.0	3.8/5.0/2.5	23.0	0.6	V
CH-PQ-2616	6+6	16.0	29.5	25.4	4.0	3.8/7.5	26.5	0.6	V
CH-PQ-2620	6+6	20.7	29.5	25.4	4.0	3.8/7.6	26.5	0.6	V
CH-PQ-2623	6+6	22.2	29.5	25.4	4.0	3.8/7.5	26.5	0.7	V
CH-PQ-2625	6+6	24.8	29.2	25.6	4.0	3.8/7.5	26.3	0.6	V
CH-PQ-3220	6+6	19.0	33.8	30.3	4.0	5.0/7.5	31.7	0.8	V
CH-PQ-3225	6+6	26.8	34.2	32.0	4.0	5.0/7.5	32.0	0.8	V
CH-PQ-3230	6+6	31.4	34.2	30.0	4.0	5.0/7.5	32.0	0.8	V
CH-PQ-3535	6+6	37.0	39.2	35.5	4.0	5.0/10.0	35.2	1.0	V
CH-PQ-4040	6+6	44.0	42.0	38.1	4.0	5.0/15.15	39.8	0.8	V
CH-PQ-5050	6+6	51.5	51.5	45.65	4.0	7.6/12.6	50.8	1.2	V

备注：

V	Vertical type (立式类型)

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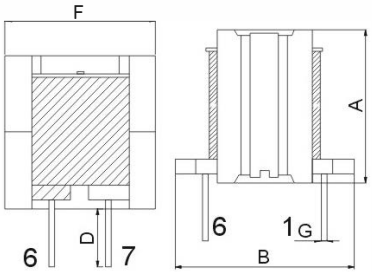
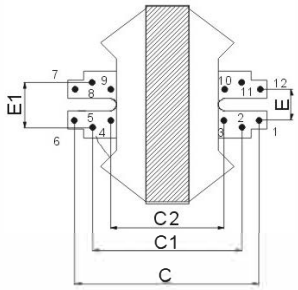
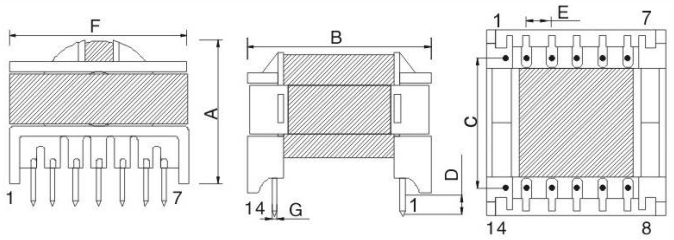




序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-RM-4	3+3	10.4	12.7	7.2/10.8	4.0	1.8/3.6	10.8	0.5	V
CH-RM-4	3+3	10.4	12.7	7.2/10.8	4.0	1.8/3.6	10.8	0.5	V-2
CH-RM-6	3+3	12.4	20.0	14.4/18.0	4.0	1.8/3.6	17.6	0.5	V
CH-RM-6	3+3	12.4	20.0	14.4/18.0	4.0	1.8/3.6	17.6	0.5	V-2
CH-RM-7	2+2	13.5	20.55	14.4/18.0	4.0	3.6	20.2	0.6	V-2
CH-RM-8	6+6	16.6	24.4	14.4/18.0/21.5	4.0	3.5/7.1/7.1	22.75	0.6	V
CH-RM-8	6+0	16.6	24.4	7.29.0/10.8	4.0	3.5/7.1/7.1	22.75	0.6	V
CH-RM-8	6+6	16.6	24.4	14.4/18.0/21.5	4.0	3.5/7.1/7.1	22.75	0.6	V-2
CH-RM-10	6+6	18.6	28.3	18/21.6/25.2	4.0	3.6/7.2	27.85	0.6	V
CH-RM-12	6+6	18.6	38.5	21.6/28.8/36	4.0	3.6/10.6	23.6	0.8	V
CH-RM-12	6+6	18.6	38.5	21.6/28.8/36	4.0	3.6/10.6	23.6	0.8	V
CH-RM-14	6+6	28.8	42.0	25.2/32.4/39.5	4.0	3.6/10.6	23.6	0.8	V

备注：
V Vertical type (立式类型)
V-2 Vertical double groove type (立式双槽类型)

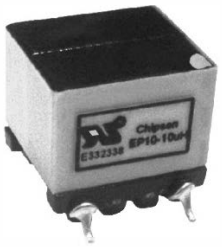
*所有产品的尺寸、电气性能均可按客户要求进行研发设计

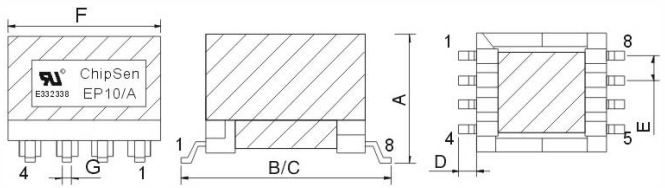


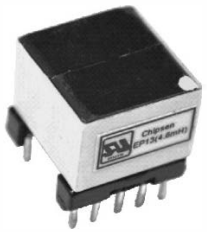
序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-ETD-29	7+7	24.6	35.0	25.5	4.0	5.0	35.9	0.8	H
CH-ETD-34	7+7	30.0	40.0	25.5	4.0	5.0	40.1	1.0	H
CH-ETD-34	7+7	26.0	40.3	25.7	4.0	5.0	40.2	1.0	H
CH-ETD-39	8+8	37.3	47.7	30.6	4.0	5.0	44.5	1.0	H
CH-ETD-39	8+8	35.6	44.0	30.7	4.0	5.0	44.6	1.0	H
CH-ETD-44	9+9	39.6	51.0	35.6	4.0	5.0	49.7	1.0	H
CH-ETD-49	10+10	41.4	57.1	40.7	4.0	5.0	54.7	1.0	V

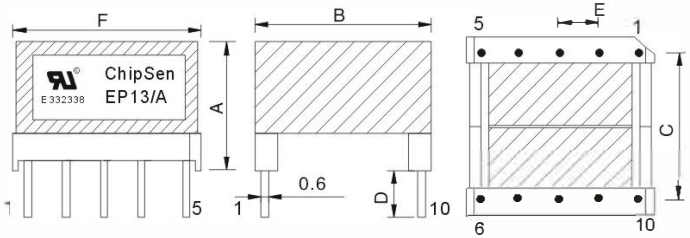
备注：
H Horizontral type (卧式类型)
V Vertical type (立式类型)
V-2 Vertical double groove type (立式双槽类型)
H-2L Horizontal double groove type L (卧式双槽L类型)
H-2 Horizontal double slot skeleton type (卧式双槽类型)
H-4 Horizontal four slot skeleton type (卧式四槽类型)
SMD SMD type (贴片类型)

*所有产品的尺寸、电气性能均可按客户要求进行研发设计



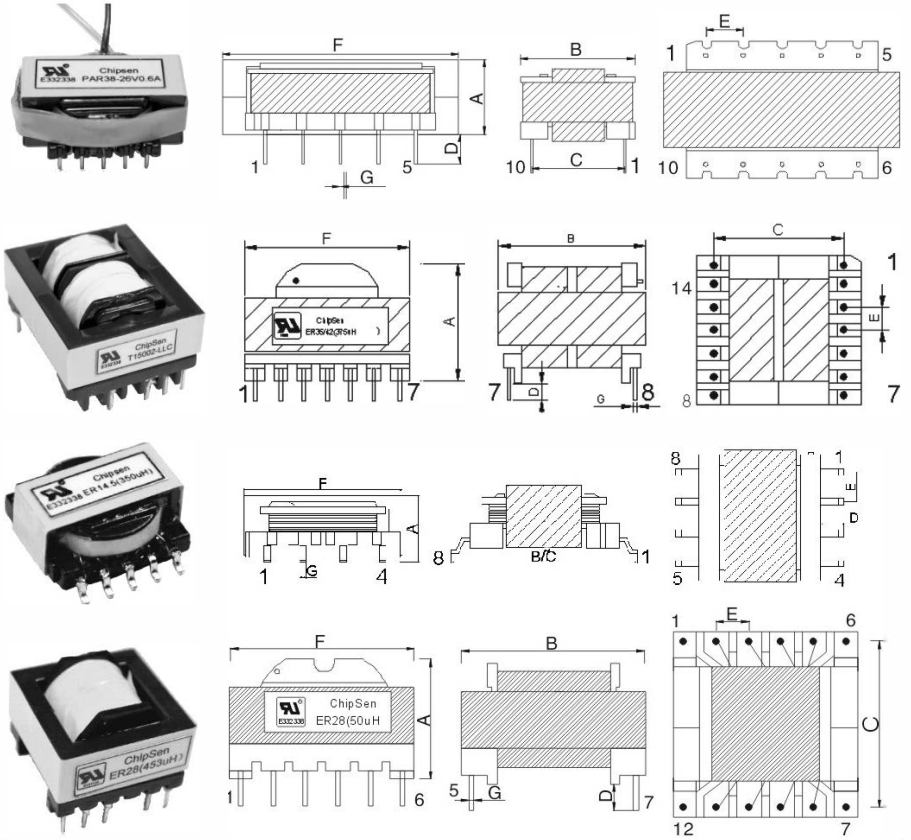






序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-EP-5	3+3	5.15	7.5	7.7	1.35	1.85	5.2	0.25	SMD
CH-EP-5	4+4	5.15	7.5	7.9	1.35	1.90	7.0	0.30	SMD
CH-EP-7	3+3	9.25	7.5	5.5	4.0	2.5	9.4	0.6	H
CH-EP-7	4+4	9.25	7.5	5.5	4.0	2.5	9.4	0.6	H
CH-EP-10	4+4	11.15	11.0	7.5	4.0	2.5	11.0	0.6	H
CH-EP-10	4+4	11.15	11.0	7.5	4.0	2.5	11.0	0.6	H
CH-EP-13	5+5	12.3	14.0	10.0	4.0	2.50	14.0	0.5	H
CH-EP-13	5+5	12.3	14.0	10.0	4.0	2.50	14.0	0.5	H-2

*所有产品的尺寸、电气性能均可按客户要求进行研发设计



序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-ER-7.5	4+4	4.8	9.0	9.0	1.2	1.75	7.5	0.25	SMD
CH-ER-9.5	4+4	5.3	11.6	11.6	1.75	2.0	9.5	0.70	SMD
CH-ER-9.5	2+2	5.3	11.55	11.55	1.75	6.0	9.5	0.70	SMD
CH-ER-11.5	4+4	5.2	12.4	12.4	1.6	2.0	11.5	0.70	SMD
CH-ER-11.5	5+5	5.2	12.4	12.4	1.6	2.0	11.5	0.70	SMD
CH-ER-14.5	5+5	5.8	16.0	16.0	2.0	2.5	14.5	0.70	SMD

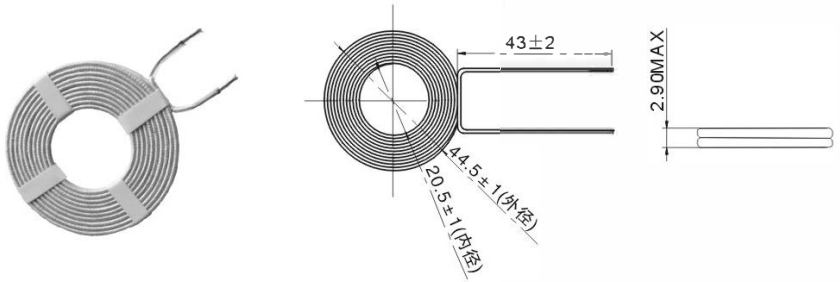
*所有产品的尺寸、电气性能均可按客户要求进行研发设计

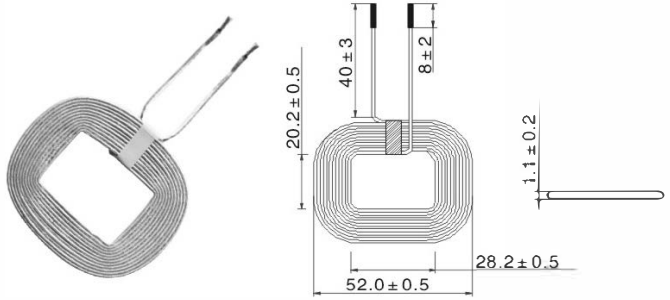
序号 PART NUMBER	针数 Pin number	尺寸 SIZE (mm)							型式 TYPE
		A ± 1.0	B ± 1.0	C ± 0.5	D ± 0.5	E ± 0.3	F ± 1.5	G ± 0.1	
CH-ER-2010	5+5	10.5	20.0	16.0	2.0	2.5	14.5	0.70	H-L
CH-ER-2510	5+5	10.5	25.0	14.0	4.0	3.5	25.0	0.60	H
CH-ER-2828	6+6	28.0	25.1	17.5	4.0	5.0	29.2	0.80	V
CH-ER-2828	6+6	21.6	28.0	25.0	4.0	5.0	29.0	0.80	H
CH-ER-2828	4+4	20.1	34.0	21.8	4.0	6.0/8.0	31.6	0.80	H-2L
CH-ER-2834	6+6	30.6	23.2	18.5	4.0	5.0	31.2	0.80	V
CH-ER-2834	7+7	33.7	27.2	20.2	4.0	4.0	31.0	0.80	V
CH-ER-2834	6+6	21.5	34.0	30.0	4.0	5.0	30.0	0.80	H
CH-ER-2834	10+10	34.0	23.2	17.5	4.5	4.0	42.2	0.80	V
CH-ER-2917	17+17	28.0	23.1	18.4	4.0	2.4	43.7	0.60	V
CH-ER-3542	6+6	24.7	44.20	37.0	4.0	5.0	36.7	1.0	H-2
CH-ER-3542	6+6	42	28.3	22.5	4.0	5.0	30.3	1.0	V
CH-ER-3542	8+8	42	30.9	25.0	4.0	5.0	39.8	1.0	V
CH-ER-3542	7+7	42	28.0	22.4	4.0	5.0	35.0	1.0	V
CH-ER-3942	8+8	32.4	41.2	30.5	4.0	5.0	42.0	1.0	H
CH-ER-3944	6+6	44	31.3	25.0	4.0	5.0	39.0	1.0	V
CH-ER-4045	8+8	31.8	48.6	35.0	4.0	5.0	40.0	1.0	H
CH-ER-4242	7+7	42.0	37.5	30.0	4.0	5.0	40.8	1.0	V
CH-ER-4245	9+9	45.8	33.0	27.5	4.0	5.0	45.0	1.0	V

备注：

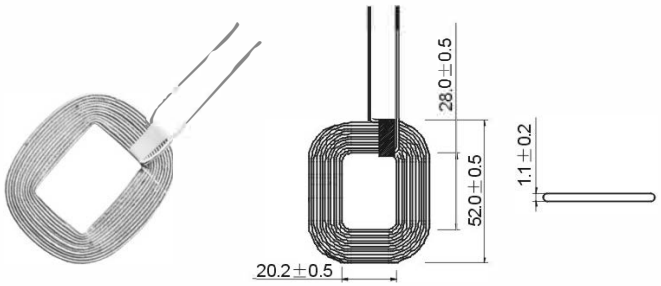
H	Horizontral type (卧式类型)
V	Vertical type (立式类型)
V-2	Vertical double groove type (立式双槽类型)
H-2L	Horizontal double groove type L (卧式双槽L类型)
H-2	Horizontal double slot skeleton type (卧式双槽类型)
H-4	Horizontal four slot skeleton type (卧式四槽类型)
SMD	SMD type (贴片类型)

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

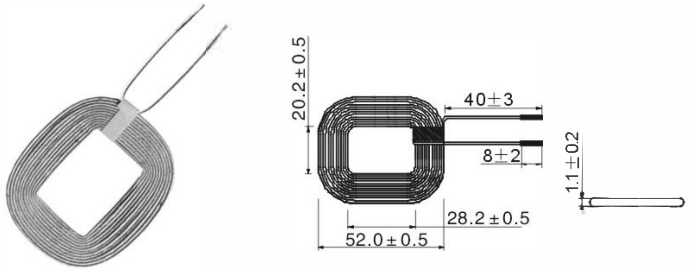




Number of turns per layer 12turns
-Type 2Litz wire
-105 strands
-Thickness:0.08mm

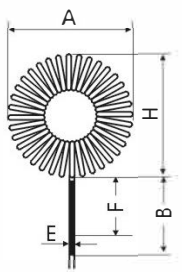


Number of turns per layer 12turns
-Type 2Litz wire
-105 strands
-Thickness:0.08mm



Number of turns per layer 12turns
-Type 2Litz wire
-105 strands
-Thickness:0.08mm

*所有产品的尺寸、电气性能均可按客户要求进行研发设计



TC 磁环电感器 图示和尺寸: (单位mm)

型号	D (Max)	H (Max)	A (Max)	B	额定电流	电感量
CH-TC2026	4.5mm	8.0mm	8.0mm	15.0±3.0	0.3-0.5A	5uH-27uH
CH-TC3026	7.0mm	12.0mm	12.0mm	15.0±3.0	0.5-2.0A	10uH-140uH
CH-TC5026	11.5mm	18.0mm	18.0mm	15.0±3.0	0.2-3.0A	1.0uH-680uH
CH-TC6826	11.5mm	24.0mm	24.0mm	15.0±3.0	0.2-4.0A	5uH-500uH
CH-TC8026	13.5mm	27.0mm	27.0mm	15.0±3.0	0.2-5.0A	10uH-960uH
CH-TC10626	19.5mm	36.0mm	36.0mm	15.0±3.0	0.5-10.0A	30uH-1000uH
CH-TC13026	82.0mm	42.5mm	42.5mm	15.0±3.0	2.0-10.0A	30uH-1200uH

TC磁环电感编号说明:

CH-TC - 300 M - 2A - 5026
(1) (2) (3) (4) (5) (6)

(1). 品牌
(2). 编号(Type) : 磁环电感 Toroidal inductors
(3). 电感值(Inductance) : "300"表示30uH (Example: "300"for 30uH) (300)
(4). 电感公差 (Tolerance) : "M": ±20%,"L": ±15%, "K": ±10% , "J": ±5%
(5). 额定电流 (Rated current in Amps) :"2A" (2A)
(6). 磁环规格 Magnetic ring specifications

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CH-TC2026~TC5026磁环电感参数

型号	电感量(uH) @ 1 KHZ	额定电流(A) MAX	直流电阻(Ω) MAX	D 尺寸(MM) MAX	H 尺寸(MM) MAX	单个重量 (G/PCS)
CH-TC-5R0M-2026	5.0	0.5	0.007	7.5	4.5	0.4
CH-TC-9R0M-2026	9.0	0.3	0.011	8	4.5	0.2
CH-TC-150M-2026	15	0.5	0.07	7.5	4.5	0.4
CH-TC-200M-2026	20	0.2	0.198	7.5	4	0.2
CH-TC-270M-2026	27	0.3	0.031	8	4.5	0.2
CH-TC-100M-3026	10	2.0	0.017	12	7	1.6
CH-TC-120M-3026	12	1.0	0.04	10.5	6	1.2
CH-TC-320M-3026	32	1.0	0.065	12	7	1.4
CH-TC-370M-3026	37	0.5	0.134	10	5.5	1
CH-TC-141M-3026	140	0.5	0.265	10	6	1.2
CH-TC-8R2M-3726	8.2	2.0	0.017	14.5	7	2
CH-TC-220M-3726	22	2.0	0.03	14.5	7.5	2.4
CH-TC-240M-3726	24	1.0	0.055	13.5	6	1.6
CH-TC-560M-3726	56	0.5	0.181	12.5	5.5	1.4
CH-TC-680M-3726	68	1.0	0.095	13.5	6.5	2
CH-TC-241M-3726	240	0.5	0.36	13	6.5	1.6
CH-TC-150M-4426	15	2.0	0.023	15.5	7.5	2.8
CH-TC-430M-4426	43	1.0	0.074	14.5	7	2.6
CH-TC-680M-4426	68	2.0	0.056	15.5	9	3.8
CH-TC-111M-4426	110	0.51	0.25	14	6.5	2.4
CH-TC-141M-4426	140	1.0	0.14	15	7.5	3.2
CH-TC-361M-4426	360	0.5	0.46	14.5	7.5	2.8
CH-TC-200M-5026	20	3.0	0.021	17.5	9	4.4
CH-TC-300M-5026	30	2.0	0.035	17	8.5	4
CH-TC-600M-5026	60	3.0	0.038	18	10	5.8
CH-TC-680M-5026	68	1.0	0.101	16	7.5	3.6
CH-TC-101M-5026	100	2.0	0.081	17	9.5	5.2
CH-TC-221M-5026	220	1.0	0.19	16.5	8	4.4

Test Freq :1KHz/0.3V K: ± 10% ; M: ± 20% 可按客户需要的电感量、电流定制

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CH-TC6026~TC8026磁环电感参数

型号	电感量(uH) @1KHZ	额定电流(A) MAX	直流电阻(Ω) MAX	D尺寸(MM) MAX	H尺寸(MM) MAX	单个重量 (G/PCS)
CH-TC-220M-6026	22	5	0.014	21.5	11.5	8
CH-TC-290M-6026	29	4	0.02	21	11	7.8
CH-TC-350M-6026	35	3	0.026	20.5	10.5	7.6
CH-TC-580M-6026	58	2	0.061	20	10	7.2
CH-TC-900M-6026	90	3	0.044	20.5	12.5	9.2
CH-TC-111M-6026	110	2	0.069	19.5	10	8
CH-TC-131M-6026	130	1	0.146	19	9	6.4
CH-TC-471M-6026	470	1	0.286	21	11	7.6
CH-TC-250M-6026	25	5	0.016	24	10.5	9.2
CH-TC-320M-6826	32	4	0.021	23.5	10	9
CH-TC-430M-6826	43	3	0.03	23	9.5	8.8
CH-TC-650M-6826	65	2	0.055	22	9	8.2
CH-TC-111M-6826	110	4	0.042	23.5	11	11.4
CH-TC-131M-6826	130	3	0.055	23	10.5	10.4
CH-TC-151M-6826	150	1	0.159	21.5	7.5	7.6
CH-TC-231M-6826	230	2	0.108	22.5	9.5	9.8
CH-TC-500M-8026	50	5	0.022	26.5	12	14.2
CH-TC-600M-8026	60	4	0.03	26.5	11.5	13.7
CH-TC-750M-8026	75	3	0.039	25.5	11	13
CH-TC-820M-8026	82	3	0.042	24.5	10.5	13
CH-TC-101M-8026	100	5	0.033	26.5	12.5	16.8
CH-TC-151M-8026	150	5	0.042	27	13.5	18
CH-TC-221M-8026	220	4	0.059	26.5	13	17.9
CH-TC-271M-8026	270	3	0.081	26	12	16.6
CH-TC-321M-8026	320	2	0.131	25	10.5	14
CH-TC-431M-8026	430	2	0.15	25	11	15
CH-TC-961M-8026	360	1	0.438	25	11	13
CH-TC-220M-6026	22	5	0.014	21.5	11.5	8

Test Freq:1KHz/0.3V K:±10%; M:±20% 可按客户需要的电感量、电流定制

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CH-TC9026~TC13026磁环电感参数

型号	电感量(uH) @1KHZ	额定电流(A) MAX	直流电阻(Ω) MAX	D尺寸(MM) MAX	H尺寸(MM) MAX	单个重量 (G/PCS)
CH-TC-900M-9026	90	5	0.034	29.5	15.5	23.6
CH-TC-141M-9026	140	3	0.064	28	14.5	22
CH-TC-201M-9026	200	2	0.114	28	14	20.8
CH-TC-321M-9026	320	5	0.068	29.5	1	29.6
CH-TC-451M-9026	450	2	0.174	28	14	23
CH-TC-471M-9026	470	1	0.354	26.5	13	19.5
CH-TC-471M-9026	470	3	0.188	28.5	15.5	27
CH-TC-182M-9026	1800	1	0.68	27.5	14	22.4
CH-TC-820M-9426	82	5	0.033	31	15.5	22.4
CH-TC-101M-9426	100	4	0.042	29.5	13.5	21.9
CH-TC-131M-9426	130	3	0.061	29	13	21.6
CH-TC-221M-9426	220	2	0.121	28.5	12	20.6
CH-TC-301M-9426	300	5	0.064	30	15.5	28.8
CH-TC-391M-9426	390	4	0.088	29.5	15	27.2
CH-TC-471M-9426	470	1	0.342	27.5	11.5	19
CH-TC-501M-9426	500	3	0.124	29	14	26
CH-TC-781M-9426	780	2	0.225	28.5	13.5	24.1
CH-TC-132M-9426	1300	1	0.585	28.5	12.5	21.2
CH-TC-300M-10626	30	10	0.009	36	19.5	42
CH-TC-350M-10626	35	10	0.01	36	19.5	43
CH-TC-560M-10626	56	7	0.02	34	18	40
CH-TC-680M-10626	68	7	0.021	34	18	40
CH-TC-820M-10626	82	7	0.023	34	18	41
CH-TC-101M-10626	100	5	0.036	33.5	17	39
CH-TC-151M-10626	150	4	0.053	32.5	16.5	38.4
CH-TC-201M-10626	200	3	0.078	32	16	37.8
CH-TC-301M-10626	300	2	0.142	31.5	15.5	37.8
CH-TC-851M-10626	850	2	0.211	32.5	16.5	41.8
CH-TC-750M-13026	75	10	0.014	42	19.5	64
CH-TC-131M-13026	130	7	0.031	41	18	58
CH-TC-201M-13026	200	5	0.056	39	17	55.6
CH-TC-251M-13026	250	10	0.027	42.5	21.5	82
CH-TC-471M-13026	470	7	0.064	40.5	19.5	72
CH-TC-681M-13026	680	5	0.105	39	18.5	65.2

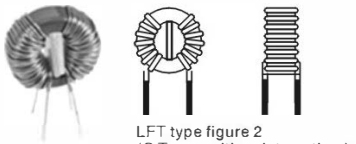
Test Freq:1KHz/0.3V K:±10%; M:±20% 可按客户需要的电感量、电流定制

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

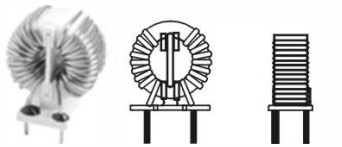
LF 线路滤波器常用规格 图示和尺寸: (单位mm)

LFV type figure 1
(C T core with plastic coating)

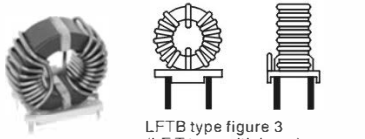
LFLH type
(T core with paint coating)



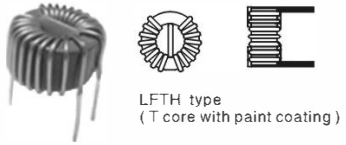
LFT type figure 2
(C T core with paint coating)



LFLV type

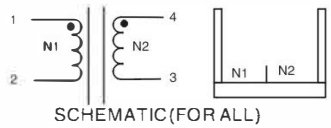


LFTB type figure 3
(LF T type with base)

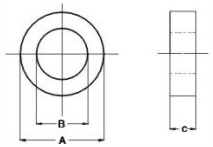


LFTH type
(T core with paint coating)

LF 线路滤波器

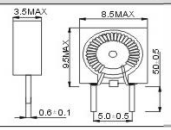
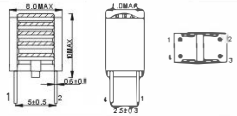
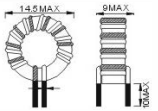
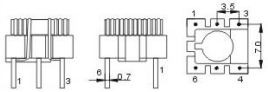
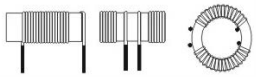
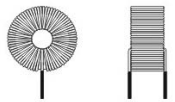
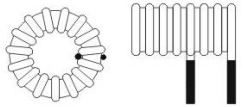
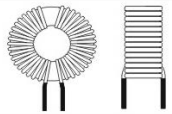


SCHEMATIC(FOR ALL)

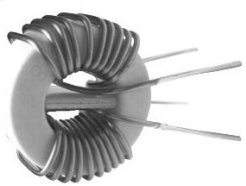


A*B*C尺寸图及规格表					
TA*B*C	T 4 * 2 * 2	T 5 * 3 * 3	T 6 * 3 * 2	T 6 * 3 * 3	T 8 * 4 * 2
TA*B*C	T 8 * 4 * 3	T 8 * 4 * 5	T 9 * 5 * 3	T 9 * 5 * 5	T10 * 6 * 3
TA*B*C	T 1 0 * 6 * 4	T 1 0 * 6 * 5	T12 * 6 * 4	T 1 3 * 8 * 3	T 1 3 * 8 * 5
TA*B*C	T 1 3 * 8 * 6	T 1 4 * 8 * 4	T 1 4 * 9 * 5	T 1 4 * 8 * 6	T 1 4 * 8 * 7
TA*B*C	T16*9.5*5	T16*9.6*6.3	T16*12*8	T18*10*5	T18*10*6
TA*B*C	T18*10*7	T18*10*10	T18*10*12.7	T19*13*6	T19*10*10
TA*B*C	T19*13*11	T20*10*5	T20*10*6	T20*10*7	T20*10*10
TA*B*C	T20*12*12.7	T22*14*8	T22*14*10	T22*14*12	T25*15*6
TA*B*C	T25*15*8	T25*15*10	T25*15*12	T25*15*13	T25*15*15
TA*B*C	T26*16*15	T28*12*8	T28*16*13	T29*19*7.6	T29*19*15
TA*B*C	T31*19*8	T31*19*9	T31*19*10	T32*11*8	T36*23*10
TA*B*C	T35*23*12	T36*23*14	T36*23*15	T36*25*15	T38*19*13
TA*B*C	T44*30*13	T49*31.8*19	T50*25*20	T60*40*25	
备注:LF线路滤波器(共模电感)形状、尺寸、感量规格较多，可根据客户具体要求生产。					

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

TYPE	STRUCTURE	DIMENSIONS(mm)	SPECIFICATIONS
T5*3*2			Specific Property: Close magnetic-way,Magnetic-Flux-Small Leakage Loss;Small Size. Low DC Resistance,High rated current Unshield or Shield type can be obtained;Reel package suitable for automaticassembLage;
T6*3*3			
T9*5*3			
T1●*6*5			
T12*1●*8			
T5●-26			
T8●-26			
T251510			
T251512			

*所有产品的尺寸、电气性能均可按客户要求进行研发设计



Common Mode Core Size Information

Product	Case size(mm)			Core size(mm)			Mean path length	Cross section	Core weight	Window area
Code No.	OD	ID	HT	OD	ID	HT	le(cm)	Ac(cm^2)	grams	Wa(cm^2)
986545	11.2	5.2	5.7	9.8	6.5	4.5	2.56	0.06	1.1	0.2
110705	12.5	5.6	6.8	11	7	5	2.83	0.08	1.6	0.3
120805	14.2	6.4	7.3	12	8	4.5	3.14	0.07	1.6	0.3
141005	15.5	8.5	6.8	14	10	5	3.77	0.08	2.1	0.6
161108	18.3	8.3	10	16	11	8	4.24	0.15	4.7	0.5
181305	21.1	9.9	7.3	18.5	13	5	4.95	0.11	3.8	0.8
181108	20.5	9.3	9.7	18	11	8	4.55	0.22	7.1	0.7
181110	20.4	9.4	12.2	18	11	10	4.55	0.27	8.9	0.7
191005	21	8.2	6.9	19	10	5	4.55	0.17	5.7	0.5
201205	21.7	10.7	7.9	20	12	5	5.02	0.15	6	0.9
201206	21.7	10.7	7.9	20	12	6	5.02	0.19	7	0.9
201208	22.3	10.2	10.4	20	12	8	5.02	0.25	9	0.8
201210	21.3	10.6	12	20	12	10	5.02	0.31	11	0.9
211610	24.5	14	12.5	21	16	10	5.81	0.19	8	1.5
261610	28.3	14	12.5	26	16	10	6.59	0.39	18	1.5
261910	28.7	16.5	12.6	26	19	10	7.07	0.27	14	2.1
302010	33	18.1	13	30	20	10	7.85	0.39	22	2.6
302015	33.7	17.7	17.7	30	20	15	7.85	0.58	33	2.5
302020	33.7	17.7	22.7	30	20	20	7.85	0.77	44	2.5
322010	34.2	18	13	32	20	10	8.16	0.46	27	2.5
322015	33.6	17.8	17	32	20	15	8.16	0.69	41	2.5
332310	33.6	17.8	22	33	23	10	8.79	0.39	25	2.5
332315	33.6	17.8	27	33	23	15	8.79	0.58	37	2.5
332320	33.6	17.8	32	33	23	20	8.79	0.77	49	2.5
332325	33.6	17.8	37	33	23	25	8.79	0.96	61	2.5
383020	42	26.5	24	38	30	20	10.68	0.62	48	5.5
402510	44.5	21	14	40	25	10	10.21	0.58	43	3.5
402515	44.5	21	19	40	25	15	10.21	0.87	64	3.5
403215	44.5	29.4	19.3	40	32	15	11.3	0.46	38	6.8
503215	54	29	19	50	32	15	12.87	1.04	97	6.6
503220	54	29	24	50	32	20	12.87	1.39	129	6.6
504025	54.5	35.3	29.7	50	40	25	14.13	0.96	99	9.8
583820	61.8	34.5	23.7	58	38	20	15.07	1.54	168	9.4
603525	66.2	29.8	29.6	60	35	25	14.92	2.41	260	7
644020	66	37	23	64	40	20	16.33	1.85	219	10.8
655025	68.2	46.7	28.6	65	50	25	18.06	1.44	189	17.1

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

非晶态磁环电感 AMORPHOUS MAGNETIC INDUCTANCE 晶森 CHIP SEN

AL vs Frequency Property for Different Permeability Level Core

AL(μH/N^2)	-7 type			-5 type			-3 type		
Code No.	1kHz	10kHz	100kHz	1kHz	10kHz	100kH2	1kHz	10kHz	100kHz
986545	22.4	19.6	3.1	15.43	12.6	3.6	11.2	8.4	4.2
110705	27.4	24	3.8	18.82	15.4	4.4	13.7	10.3	5.1
120805	22.2	19.4	3	15.25	12.5	3.6	11.1	8.3	4.2
141005	20.5	18	2.8	14.12	11.6	3.3	10.3	7.7	3.9
161108	36.5	31.9	5	25.1	20.5	5.9	18.3	13.7	6.8
181305	21.5	18.8	3	14.79	12.1	3.5	10.8	8.1	4
181108	47.6	41.6	6.5	32.71	26.8	7.7	23.8	17.8	8.9
181110	59.5	52	8.2	40.89	33.5	9.7	29.7	22.3	11.2
191005	38.2	33.5	5.3	26.29	21.5	6.2	19.1	14.3	7.2
201205	30.8	27	4.2	21.18	17.3	5	15.4	11.6	5.8
201206	34.1	29.9	4.7	23.46	19.2	5.5	17.1	12.8	6.4
201208	49.3	43.1	6.8	33.88	27.7	8	24.6	18.5	9.2
201210	61.6	53.9	8.5	42.35	34.7	10	30.8	23.1	11.6
211508	32.9	28.7	4.5	22.59	18.5	5.3	16.4	12.3	6.2
211510	41.1	35.9	5.6	28.23	23.1	6.7	20.5	15.4	7.7
211610	33.3	29.1	4.6	22.89	18.7	5.4	16.6	12.5	6.2
302020	98.6	86.2	13.6	67.76	55.4	16	49.3	37	18.5
322010	56.9	49.8	7.8	39.09	32	9.2	28.4	21.3	10.7
322015	85.3	74.6	11.7	58.64	48	13.9	42.6	32	16
332310	44	38.5	6.1	30.25	24.8	7.2	22	16.5	8.3
332315	66	57.8	9.1	45.38	37.1	10.7	33	24.8	12.4
332320	88	77	12.1	60.5	49.5	14.3	44	33	16.5
332325	110	96.3	15.1	75.63	61.9	17.9	55	41.3	20.6
383020	58	50.7	8	39.86	32.6	9.4	29	21.7	10.9
402510	56.9	49.8	7.8	39.09	32	9.2	28.4	21.3	10.7
402515	85.3	74.6	11.7	58.64	48	13.9	42.6	32	16
402520	113.7	99.5	15.6	78.18	64	18.5	56.9	42.6	21.3
403215	41.1	35.9	5.6	28.23	23.1	5.7	20.5	15.4	7.7
503210	54.1	47.3	7.4	37.19	30.4	8.8	27	20.3	10.1
503215	81.1	71	11.2	55.78	45.6	13.2	40.6	30.4	15.2
503220	108.2	94.7	14.9	74.37	60.8	17.6	54.1	40.6	20.3
504020	54.8	47.9	7.5	37.64	30.8	8.9	27.4	20.5	10.3
504025	68.4	59.9	9.4	47.06	38.5	11.1	34.2	25.7	12.8
583820	102.7	89.8	14.1	70.58	57.8	16.7	51.3	38.5	19.3
604025	123.2	107.8	16.9	84.7	69.3	20	61.6	46.2	23.1

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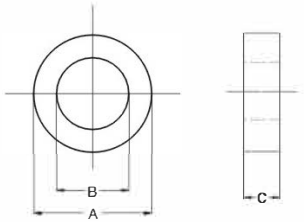

TC 铁硅铝磁环电感器 图示和尺寸: (单位mm)

型 号 TYPE	Before coating			After coating		
	A(Max)	B(Max)	C(Max)	A(Mxx)	B(Max)	C(Max)
KS025-125A	6.35mm	2.79mm	2.79mm	6.99mm	2.29mm	3.43mm
KS026-125A	6.60mm	2.67mm	4.78mm	7.24mm	2.16mm	5.54mm
KS027-125A	6.60mm	2.67mm	2.54mm	7.24mm	2.16mm	5.54mm
KS031-125A	7.87mm	3.96mm	3.18mm	8.51mm	3.43mm	3.81mm
KS038-125A	9.65mm	4.78mm	3.96mm	10.29mm	4.27mm	4.60mm
KS039-125A	9.65mm	4.78mm	3.18mm	10.29mm	4.27mm	3.81mm
KS040-125A	10.20mm	5.08mm	3.96mm	10.80mm	4.57mm	4.60mm
KS044-125A	11.20mm	6.35mm	3.96mm	11.89mm	5.89mm	4.72mm
KS050-125A	12.70mm	7.62mm	4.75mm	13.46mm	6.99mm	5.51mm
KS065-125A	16.50mm	10.20mm	6.35mm	17.40mm	9.53mm	7.11mm
KS068-125A	17.30mm	9.65mm	6.35mm	18.03mm	9.02mm	7.11mm
KS080-125A	20.30mm	12.70mm	6.35mm	21.10mm	12.07mm	7.11mm
KS090-125A	22.90mm	14.70mm	7.62mm	23.62mm	13.90mm	8.38mm
KS092-125A	23.60mm	14.40mm	8.89mm	24.30mm	13.77mm	9.70mm
KS106-125A	26.90mm	14.70mm	11.20mm	27.70mm	14.10mm	11.99mm
KS107-125A	26.90mm	14.70mm	8.64mm	27.70mm	14.10mm	9.45mm
KS130-125A	33.00mm	19.90mm	10.70mm	33.83mm	19.30mm	11.61mm
KS131-125A	33.00mm	19.90mm	8.76mm	33.83mm	19.30mm	9.7mm
KS132-125A	33.00mm	19.90mm	11.18mm	33.83mm	19.30mm	11.99mm
KS135-125A	34.30mm	23.40mm	8.89mm	35.10mm	22.56mm	9.83mm
KS141-125A	35.80mm	22.40mm	10.50mm	36.63mm	21.54mm	11.28mm
KS157-125A	39.90mm	24.10mm	14.50mm	40.72mm	23.30mm	15.37mm
KS168-125A	42.90mm	24.20mm	16.26mm	44.00mm	23.30mm	17.16mm
KS184-125A	46.70mm	24.10mm	18.00mm	47.63mm	23.32mm	18.92mm
KS185-125A	46.70mm	28.70mm	15.20mm	47.63mm	27.89mm	16.13mm
KS200-125A	50.80mm	31.80mm	13.50mm	51.69mm	30.94mm	14.35mm
KS250-125A	62.00mm	32.60mm	25.00mm	63.10mm	31.37mm	26.27mm

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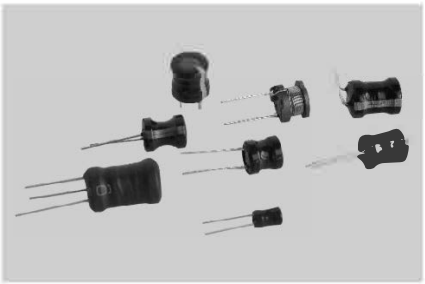


●FEATURES
1. Contain high-frequency ferrite.
2. Comparatively large rated current.

●APPLICATIONS
1. Power supplies, DC-DC converters.
2. TVs, VTRs, computers.
3. computer Peripherals.
4. Telephones, Air-Conditions.
5. Home Electric Appliance.
6. Electronic toys and games.

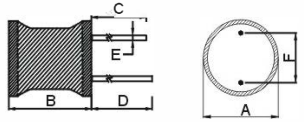
●PART NUMBERING SYSTEM (品名系统)

PK-DR- X | 0 8 1 0 | 1 0 0 | K | B | S | L | F

1	2	3	4	5
SERIESNAME	DIMENSIONS	INDUCTANCE	TOLERANCECODE	PACKINGCODE
			J: ±5%, K: ±10%, L: ±15%, M: ±20%, P: ±25%, N: ±30%	R:Tape&Reel(卷装) S:series(系列) B:In Bulk (散装) Lf:Lead Free(无铅)
品名	尺寸	电感值	公差	包装

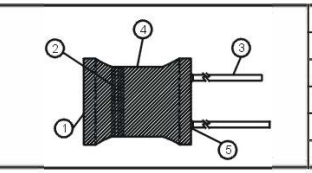
●SHAPES AND DIMENSIONS (形状及尺寸)

UNIT:mm



TYPE(型式)	ΦA	B(max)	C(min)	D(min)	E	F
PK-DR0406	4.5±0.5	7.0±1	10	15	0.6	2.0
PK-DR0507	5.5±0.5	9.0±1	10	15	0.6	2.5
PK-DR0608	6.5±0.5	10.0±1	10	15	0.6	3.0
PK-DR0707	7.5±0.5	9.0±1	10	15	0.6	4.8
PK-DR0810	8.5±0.5	12.0±1	10	15	0.6	5
PK-DR0912	9.5±0.5	14.0±1	10	15	0.6	5
PK-DR1820	18.0(max)	20.0(max)	28.0	31	1.0	10.0

●STRUCTURAL DIAGRAM



COMPONENT	MATERIALS
1.Core 磁芯	Ferrite core 铁氧体磁芯
2.Wire 线材	Polyurethane enameled copper wires漆包线
3.Lead wire 引脚	Tinned copper wires锡包铜线
4.Tube 套管	Heat shrinkable tube.PVC or UL热缩套管
5.Glue 胶水	Epoxy resin环氧树脂

●STRUCTURAL DIAGRAM

Operating temperature range: -20℃ to +105℃(include coil heat)
Storage conditions: -20℃ to +85℃
DO NOT expose to direct sunlight (JIS C 805)

●特性

操作温度范围: -20℃至+105℃ (包括线圈热度)
贮存环境: -20℃至+85℃ 请不要直接暴露在阳光下 (JIS C 805)

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

PK-DR2W0304 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0304-1R0M	1.0	80	0.1	1000	175	1KHz
PK-DR2W0304-2R2M	2.2	71	0.2	700	83	1KHz
PK-DR2W0304-3R9M	3.9	71	0.2	650	44	1KHz
PK-DR2W0304-6R8M	6.8	70	0.3	400	30	1KHz
PK-DR2W0304-100K	10	60	0.4	350	21	1KHz
PK-DR2W0304-180K	18	60	0.6	300	16	1KHz
PK-DR2W0304-270K	27	58	0.8	270	13	1KHz
PK-DR2W0304-560K	56	65	3	180	9	1KHz
PK-DR2W0304-820K	82	60	3	170	8	1KHz
PK-DR2W0304-121K	120	75	4	150	6	1KHz
PK-DR2W0304-221K	220	77	8	100	4	1KHz
PK-DR2W0304-331K	330	81	10	90	3.5	1KHz
PK-DR2W0304-561K	560	80	15	70	3	1KHz
PK-DR2W0304-821K	820	65	26	50	2	1KHz
PK-DR2W0304-122K	1200	36	33	40	1.5	1KHz
PK-DR2W0304-272K	2700	47	51	30	1.5	1KHz

PK-DR2W0406 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0406-1R0M	1.0	84	0.10	1400	200	1KHz
PK-DR2W0406-3R3M	3.3	93	0.22	1300	92	1KHz
PK-DR2W0406-8R2M	8.2	77	0.35	800	32	1KHz
PK-DR2W0406-120K	12	80	0.48	600	20	1KHz
PK-DR2W0406-220K	22	84	0.72	500	14	1KHz
PK-DR2W0406-390K	39	70	0.90	400	11	1KHz
PK-DR2W0406-680K	68	55	1.90	300	9.0	1KHz
PK-DR2W0406-151K	150	63	4.50	200	5.7	1KHz
PK-DR2W0406-391K	390	56	7.70	150	3.8	1KHz
PK-DR2W0406-561K	560	59	8.50	120	3.2	1KHz
PK-DR2W0406-102K	1000	77	17	100	2.5	1KHz
PK-DR2W0406-182K	1800	77	25	70	1.8	1KHz
PK-DR2W0406-272K	2700	57	46	40	1.36	1KHz
PK-DR2W0406-562K	5600	66	65	30	1.02	1KHz
PK-DR2W0406-103K	10000	35	95	10	0.89	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

晶森 CHIP SEN 工字型电感 PEAKING TYPE COILS SERIES

PK-DR2W0507 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0507-1R0M	1.0	85	0.014	3500	120	1KHz
PK-DR2W0507-3R3M	3.3	85	0.03	2000	50	1KHz
PK-DR2W0507-6R8M	6.8	75	0.06	1300	25	1KHz
PK-DR2W0507-150K	15	65	0.11	900	16	1KHz
PK-DR2W0507-270K	27	50	0.14	600	12	1KHz
PK-DR2W0507-470K	47	45	0.20	500	9.0	1KHz
PK-DR2W0507-820K	82	35	0.34	400	7.0	1KHz
PK-DR2W0507-121K	120	20	0.44	350	5.5	1KHz
PK-DR2W0507-221K	220	20	0.75	250	4.0	1KHz
PK-DR2W0507-391K	390	25	1.4	180	3.0	1KHz
PK-DR2W0507-681K	680	25	2.3	140	2.4	1KHz
PK-DR2W0507-122K	1200	65	4.6	110	1.5	1KHz
PK-DR2W0507-222K	2200	65	6.8	80	1.1	1KHz
PK-DR2W0507-392K	3900	70	13	55	0.90	1KHz
PK-DR2W0507-682K	6800	65	25	45	0.75	1KHz
PK-DR2W0507-103K	10000	65	35	35	0.60	1KHz
PK-DR2W0507-183K	18000	65	58	30	0.40	1KHz
PK-DR2W0507-333K	33000	55	135	15	0.25	1KHz
PK-DR2W0507-473K	47000	55	170	15	0.25	1KHz

PK-DR2W0608 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0608-100K	10	25	0.09	1300	1.6	1KHz
PK-DR2W0608-470K	47	20	0.23	860	8.2	1KHz
PK-DR2W0608-820K	82	20	0.39	740	6.5	1KHz
PK-DR2W0608-121K	120	30	0.64	680	5.2	1KHz
PK-DR2W0608-271K	270	30	1.3	420	3.5	1KHz
PK-DR2W0608-471K	470	35	2.3	340	2.4	1KHz
PK-DR2W0608-821K	820	40	4.16	230	1.6	1KHz
PK-DR2W0608-152K	1500	75	7.54	180	1.3	1KHz
PK-DR2W0608-272K	2700	80	9.62	130	1.0	1KHz
PK-DR2W0608-392K	3900	80	16.12	100	0.78	1KHz
PK-DR2W0608-682K	6800	80	27.3	65	0.61	1KHz
PK-DR2W0608-123K	12000	80	42.9	56	0.44	1KHz
PK-DR2W0608-223K	22000	80	82.55	46	0.28	1KHz
PK-DR2W0608-393K	39000	70	154.7	37	0.20	1KHz
PK-DR2W0608-473K	47000	70	172.9	35	0.16	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

PK-DR2W0707 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0707-1R0M	1.0	90	0.014	5980	100	1KHz
PK-DR2W0707-4R7M	4.7	90	0.030	2340	36	1KHz
PK-DR2W0707-120K	12	85	0.090	1880	15	1KHz
PK-DR2W0707-470K	47	50	0.22	972	7.0	1KHz
PK-DR2W0707-820K	82	40	0.34	729	7.0	1KHz
PK-DR2W0707-151K	150	60	0.94	531	4.0	1KHz
PK-DR2W0707-471K	470	70	2.51	333	2.0	1KHz
PK-DR2W0707-821K	820	55	3.41	261	2.0	1KHz
PK-DR2W0707-152K	1500	75	5.11	162	1.5	1KHz
PK-DR2W0707-392K	3900	75	12.5	108	0.8	1KHz
PK-DR2W0707-822K	8200	70	29.2	72	0.5	1KHz
PK-DR2W0707-123K	12000	70	43.1	54	0.5	1KHz
PK-DR2W0707-273K	27000	70	94.2	27	0.3	1KHz
PK-DR2W0707-473K	47000	70	176.6	18	0.3	1KHz

PK-DR2W0810 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0810-1R0M	1.0	90	0.02	3400	100	1KHz
PK-DR2W0810-2R7M	2.7	110	0.04	3000	60	1KHz
PK-DR2W0810-4R7M	4.7	110	0.05	2900	30	1KHz
PK-DR2W0810-100K	10	90	0.10	1600	12	1KHz
PK-DR2W0810-220K	22	70	0.13	1100	8.0	1KHz
PK-DR2W0810-390K	39	70	0.16	800	6.0	1KHz
PK-DR2W0810-680K	68	60	0.23	600	5.0	1KHz
PK-DR2W0810-151K	150	40	0.46	350	4.5	1KHz
PK-DR2W0810-271K	270	30	0.65	250	3.0	1KHz
PK-DR2W0810-391K	390	30	0.91	200	2.5	1KHz
PK-DR2W0810-122K	1200	45	2.3	100	1.5	1KHz
PK-DR2W0810-222K	2200	50	4.2	70	1.0	1KHz
PK-DR2W0810-562K	5600	55	11	45	0.6	1KHz
PK-DR2W0810-103K	10000	100	20	35	0.5	1KHz
PK-DR2W0810-153K	15000	100	28	35	0.4	1KHz
PK-DR2W0810-273K	27000	100	55	25	0.3	1KHz
PK-DR2W0810-393K	39000	90	87	25	0.2	1KHz
PK-DR2W0810-563K	56000	80	128	20	0.2	1KHz
PK-DR2W0810-104K	100000	55	180	20	0.2	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

工字型电感 PEAKING TYPE COILS SERIES 晶森 CHIP SEN

PK-DR2W0912 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
PK-DR2W0912-100K	10	110	0.04	2800	24	1KHz
PK-DR2W0912-180K	18	90	0.06	2100	8.4	1KHz
PK-DR2W0912-270K	27	90	0.10	1700	7.1	1KHz
PK-DR2W0912-390K	39	80	0.12	1400	6.9	1KHz
PK-DR2W0912-680K	68	60	0.15	1000	5.4	1KHz
PK-DR2W0912-121K	120	60	0.28	700	3.6	1KHz
PK-DR2W0912-221K	220	55	0.53	500	2.5	1KHz
PK-DR2W0912-391K	390	50	0.95	350	2.1	1KHz
PK-DR2W0912-681K	680	30	1.3	250	1.7	1KHz
PK-DR2W0912-122K	1200	70	2.3	180	1.0	1KHz
PK-DR2W0912-222K	2200	70	4.5	110	0.7	1KHz
PK-DR2W0912-392K	3900	60	6.5	80	0.6	1KHz
PK-DR2W0912-682K	6800	60	11	50	0.5	1KHz
PK-DR2W0912-103K	10000	120	16	40	0.3	1KHz
PK-DR2W0912153K	15000	110	21	40	0.3	1KHz
PK-DR2W0912-223K	22000	110	33	35	0.2	1KHz
PK-DR2W0912-333K	33000	90	42	35	0.2	1KHz
PK-DR2W0912-473K	47000	80	52	30	0.2	1KHz

PK-DR2W1820 SERIES

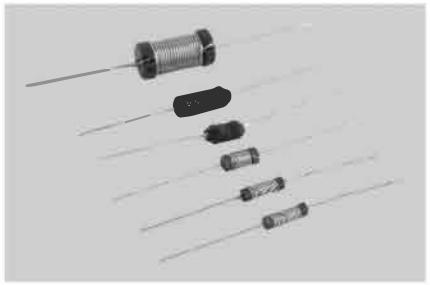
SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(max) (A) ▲T=40℃(max) 定格电流	TEST FREQUENCY 测试频率
PK-DR2W1820-220M	22	30	5.7	1KHz
PK-DR2W1820-330K	33	35	4.8	1KHz
PK-DR2W1820-470K	47	44	4.2	1KHz
PK-DR2W1820-680K	68	55	3.8	1KHz
PK-DR2W1820-101K	100	82	3.2	1KHz
PK-DR2W1820-151K	150	110	2.7	1KHz
PK-DR2W1820-221K	220	160	2.3	1KHz
PK-DR2W1820-331K	330	260	1.8	1KHz
PK-DR2W1820-471K	470	330	1.5	1KHz
PK-DR2W1820-681K	680	460	1.3	1KHz
PK-DR2W1820-102K	1000	710	1.0	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES
1.Contain high-frequency ferrite.
2.Comparatively large rated current.

●APPLICATIONS
1.Power supplies,DC-DC converters.
2.TVs,VTRs,computers.
3.computer Peripherals.
4.Telephones,Air-Conditions.
5.Home Electric Appliance.
6.Electronic toys and games.



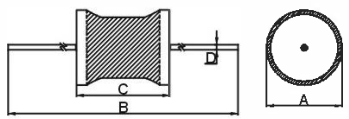
●PART NUMBERING SYSTEM（品名系统）

VC 0610 – 100 K – B – S – LF

1 SERIESNAME 品名
2 DIMENSIONS 尺寸
3 INDUCTANCE 电感值
4 TOLERANCECODE 公差
J: ±5%,K: ±10%,L: ±15%, R:Tape&Reel(卷装) S:series(系列)
M: ±20%,P: ±25%,N: ±30% B:In Bulk (散装) LF:Lead Free(无铅)
5 PACKINGCODE 包装

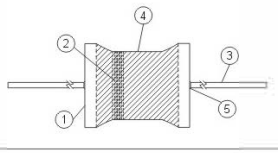
●SHAPES AND DIMENSIONS（形状及尺寸）

UNIT:mm



TYPE(型式	ΦA	B	C(max)	D
VC0306	3.5±0.5	60±1	8	0.6
VC0308	3.5±0.5	60±1	10	0.6
VC0610	6.5±0.5	60±1	12	0.6
VC0812	8.5±0.5	60±1	14	0.6
VC0914	9.5±0.5	70±1	16	0.8
VC1124	11.5±0.5	64±1	24	1.0

●STRUCTURAL DIAGRAM



COMPONENT	MATERIALS
1.Core 磁芯	Ferrite core 铁氧体磁芯
2.Wire 线材	Polyurethane enameled copper wires漆包线
3.Lead wire 引脚	Tinned copper wires锡包铜线
4.Tube 套管	Heat shrinkable tube,PVC or UL热缩套管
5.Glue 胶水	Epoxy resin环氧树脂

●CHARACTERISTICS
Operating temperature range:-20℃ to +105℃(include coil heat)
Storage conditions: -20℃ to +85℃
DO NOT expose to direct sunlight (JIS C 805)

●特性
操作温度范围: -20℃至+105℃（包括线圈热度）
贮存环境: -20℃至+85℃ 请不要直接暴露在阳光下（JIS C 805）

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

VC0306 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
VC0306-R10M	0.10	40	0.06	1800	500	1KHz
VC0306-R47M	0.47	55	0.11	1500	250	1KHz
VC0306-1R0K	1.0	50	0.18	1100	96	1KHz
VC0306-2R2K	2.2	55	0.26	950	65	1KHz
VC0306-3R9K	3.9	70	0.35	800	51	1KHz
VC0306-6R8K	6.8	60	0.46	750	36	1KHz
VC0306-120K	12	60	0.68	550	25	1KHz
VC0306-220K	22	60	0.94	400	15	1KHz
VC0306-390K	39	55	1.7	300	9.0	1KHz
VC0306-560K	56	55	2.1	300	7.4	1KHz
VC0306-101K	100	60	3.3	200	5.0	1KHz
VC0306-181K	180	60	4.7	110	3.7	1KHz
VC0306-331K	330	60	6.4	100	3.0	1KHz
VC0306-561K	560	50	11	80	2.0	1KHz
VC0306-102K	1000	50	22	50	1.6	1KHz
VC0306-222K	2200	40	51	20	1.0	1KHz
VC0306-332K	3300	40	63	20	0.8	1KHz
VC0306-472K	4700	40	70	20	0.7	1KHz

VC0308 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
VC0308-1R0M	1.0	60	0.10	1500	130	1KHz
VC0308-3R3M	3.3	60	0.17	1200	73	1KHz
VC0308-6R8M	6.8	70	0.25	1000	58	1KHz
VC0308-120K	12	80	0.62	600	39	1KHz
VC0308-270K	27	60	0.89	550	12	1KHz
VC0308-470K	47	60	1.4	450	9.0	1KHz
VC0308-101K	100	45	2.7	250	4.3	1KHz
VC0308-221K	220	40	4.0	180	2.7	1KHz
VC0308-471K	470	35	7.4	130	1.8	1KHz
VC0308-102K	1000	45	16	90	0.98	1KHz
VC0308-182K	1800	45	28	70	0.79	1KHz
VC0308-272K	2700	40	36	50	0.69	1KHz
VC0308-332K	3300	40	39	40	0.68	1KHz
VC0308-472K	4700	40	48	30	0.61	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

VC0610 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
VC0610-1R0M	1.0	100	0.02	2500	98	1KHz
VC0610-4R7M	4.7	90	0.04	2100	30	1KHz
VC0610-100K	10	80	0.07	1400	19	1KHz
VC0610-220K	22	70	0.13	900	13	1KHz
VC0610-470K	47	60	0.22	600	8.8	1KHz
VC0610-121K	120	30	0.47	300	5.1	1KHz
VC0610-331K	330	25	1.2	210	3.1	1KHz
VC0610-681K	680	30	1.9	140	2.1	1KHz
VC0610-122K	1200	65	3.1	90	1.4	1KHz
VC0610-272K	2700	80	7.3	60	1.1	1KHz
VC0610-472K	4700	90	13	40	0.8	1KHz
VC0610-822K	8200	60	19	35	0.6	1KHz
VC0610-153K	15000	80	48	30	0.4	1KHz
VC0610-273K	27000	80	84	25	0.3	1KHz
VC0610-473K	47000	75	120	20	0.2	1KHz

VC0812 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
VC0812-1R0M	1.0	120	0.02	3400	145	1KHz
VC0812-3R9M	3.9	120	0.03	2800	45	1KHz
VC0812-100K	10	60	0.05	2000	17	1KHz
VC0812-270K	27	60	0.11	1200	10	1KHz
VC0812-560K	56	50	0.16	800	6.8	1KHz
VC0812-820K	82	50	0.24	600	6.0	1KHz
VC0812-121K	120	45	0.34	400	4.0	1KHz
VC0812-271K	270	35	0.69	300	2.7	1KHz
VC0812-561K	560	30	1.7	200	2.0	1KHz
VC0812-821K	820	25	2.4	150	1.9	1KHz
VC0812-122K	1200	40	2.4	100	1.4	1KHz
VC0812-182K	1800	45	3.4	70	1.1	1KHz
VC0812-272K	2700	50	4.9	60	0.9	1KHz
VC0812-392K	3900	45	6.3	50	0.8	1KHz
VC0812-562K	5600	55	11	40	0.6	1KHz
VC0812-103K	10000	65	22	35	0.4	1KHz
VC0812-153K	15000	65	29	35	0.3	1KHz
VC0812-223K	22000	60	47	30	0.3	1KHz
VC0812-393K	39000	50	69	25	0.2	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

VC0914 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
VC0914-1R0M	1.0	85	0.023	3500	86	1KHz
VC0914-3R9M	3.9	105	0.029	3500	46	1KHz
VC0914-8R2M	8.2	90	0.040	3500	25	1KHz
VC0914-120K	12	75	0.050	2400	14	1KHz
VC0914-220K	22	75	0.071	1760	9.5	1KHz
VC0914-470K	47	50	0.104	1220	6.7	1KHz
VC0914-820K	82	50	0.192	830	5.1	1KHz
VC0914-121K	120	45	0.27	560	3.7	1KHz
VC0914-221K	220	45	0.51	380	2.7	1KHz
VC0914-391K	390	40	0.86	330	2.1	1KHz
VC0914-561K	560	35	1.08	320	1.8	1KHz
VC0914-102K	1000	55	0.65	110	1.2	1KHz
VC0914-182K	1800	40	2.48	72	1.0	1KHz
VC0914-272K	2700	50	4.15	63	0.76	1KHz
VC0914-472K	4700	45	5.75	45	0.61	1KHz
VC0914-822K	8200	40	9.35	36	0.51	1KHz
VC0914-123K	12000	70	18.2	34	0.38	1KHz
VC0914-223K	22000	60	26.9	28	0.30	1KHz
VC0914-333K	33000	55	43.2	25	0.23	1KHz
VC0914-473K	47000	55	54.0	22	0.20	1KHz
VC0914-683K	68000	45	79.0	20	0.17	1KHz
VC0914-104K	100000	35	111.0	19	0.13	1KHz

VC1124 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	Rated Current(A)	
			▲L/L=-10%(max)	▲T=40℃(max)
VC1124-100K	10	0.025	8.00	5.80
VC1124-270K	27	0.048	5.00	4.00
VC1124-560K	56	0.085	3.50	2.60
VC1124-121K	120	0.16	2.30	2.00
VC1124-271K	270	0.28	1.60	1.50
VC1124-471K	470	0.48	1.20	1.10
VC1124-681K	680	0.60	1.05	0.95
VC1124-122K	1200	1.20	0.75	0.70
VC1124-222K	2200	2.05	0.58	0.54
VC1124-392K	3900	3.60	0.42	0.40
VC1124-682K	6800	5.90	0.30	0.30
VC1124-103K	10000	9.50	0.24	0.24

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES

1.Leaching resistant terminations due to metal teb electrodes.
2.Coils encapsulated in heat-proof resin makehigh accurate dimensions and resistant to mechanical shock or pressure.
3.High resistance to heat and humidity.

●APPLICATIONS

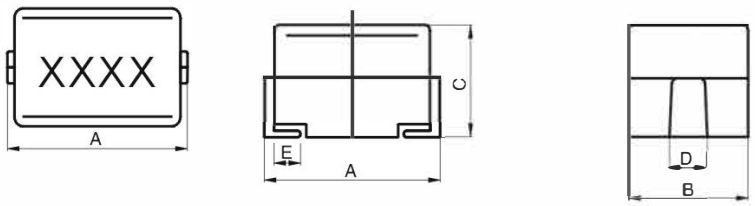
1.Personal computers.
2.Disk drives and computer peripherals.
3.Telecommunications devices.
4.VCD,DVDand TV circuits.
5.Test equipment.
6.Electronic control boards automobiles.

●PART NUMBERING SYSTEM（品名系统）

SD	3 2 2 5 2 2 –	2 2 1	K –	R –	S – L F
1	2	3	4	5	
TYPE	DIMENSIONS	INDUCTANCE	TOLERANCECODE	PACKINGCODE	
品名	尺寸	电感值	公差	包装	

J: ±5%,K: ± 10%,L: ± 15%, R:Tape&Reel(卷装) S:series(系列)
M: ±20%,P: ± 25%,N: ± 30% B:In Bulk (散装) Lf:Lead Free(无铅)

●SHAPES AND DIMENSIONS（形状及尺寸）



UNIT:mm

TYPE(型式)	A	B	C	D	E
SD252018(1008)	2.5±0.2	2.0±0.2	1.8±0.2	1.0±0.2	0.45
SD322522(1210)	3.2±0.2	2.5±0.2	2.2±0.2	1.2±0.2	0.5
SD453232(1812)	4.5±0.2	3.2±0.2	3.2±0.2	1.3±0.2	1.0

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SD252018 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	TOLERANCE 公差	Q (min) 品质系数	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	TEST FREQUENCY 测试频率
SD252018-R12□	0.12	K(±10%) L(±15%) M(±20%)	30	600	0.37	520	25.2MHz
SD252018-R15□	0.15			550	0.42	480	
SD252018-R18□	0.18			500	0.46	460	
SD252018-R22□	0.22			450	0.52	430	
SD252018-R27□	0.27			425	0.56	420	
SD252018-R33□	0.33			400	0.60	400	
SD252018-R39□	0.39			375	0.65	375	
SD252018-R47□	0.47			350	0.68	350	
SD252018-R56□	0.56			300	0.75	325	
SD252018-R68□	0.68			270	0.85	300	
SD252018-R82□	0.82			250	1.00	260	
SD252018-1R0□	1.0	J(±5%) K(±10%) L(±15%) M(±20%)	30	220	1.10	245	7.96MHz
SD252018-1R2□	1.2			180	1.20	230	
SD252018-1R5□	1.5			135	1.30	220	
SD252018-1R8□	1.8			100	1.45	210	
SD252018-2R2□	2.2			75	1.55	200	
SD252018-2R7□	2.7			55	1.70	195	
SD252018-3R3□	3.3			48	1.90	185	
SD252018-3R9□	3.9			43	2.10	180	
SD252018-4R7□	4.7			40	2.30	175	
SD252018-5R6□	5.6	25		36	2.50	170	
SD252018-6R8□	6.8			33	2.70	165	
SD252018-8R2□	8.2			30	3.05	160	
SD252018-100□	10	J(±5%) K(±10%) L(±15%) M(±20%)		27	3.50	155	2.52MHz
SD252018-120□	12			23	3.80	150	
SD252018-150□	15			20	4.40	140	
SD252018-180□	18	25		18	4.80	130	
SD252018-220□	22			17	5.50	125	
SD252018-270□	27			16	6.30	115	
SD252018-330□	33			15	7.10	110	
SD252018-390□	39			14	9.50	90	
SD252018-470□	47			13	11.10	80	
SD252018-560□	56	20		12	12.10	75	
SD252018-680□	68			11	16.60	70	
SD252018-820□	82			10	19.00	65	
SD252018-101□	100	15		9	21.00	60	0.796MHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SD322522 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	TOLERANCE 公差	Q (min) 品质系数	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	TEST FREQUENCY 测试频率
SD322522-010□	0.010	K(±10%) L(±15%) M(±20%)	15	2500	0.13	450	100MHz
SD322522-012□	0.012		17	2300	0.14		
SD322522-015□	0.015		19	2100	0.16		
SD322522-018□	0.018		21	1900	0.18		
SD322522-022□	0.022		23	1700	0.20		
SD322522-027□	0.027		23	1500	0.22		
SD322522-033□	0.033	J(±5%) K(±10%) L(±15%) M(±20%)	25	1400	0.24	450	100MHz
SD322522-039□	0.039		25	1300	0.27		
SD322522-047□	0.047		26	1200	0.30		
SD322522-056□	0.056		26	1100	0.33		
SD322522-068□	0.068		27	1000	0.36		
SD322522-082□	0.082		27	900	0.40		
SD322522-R10□	0.10		28	700	0.44		
SD322522-R12□	0.12	J(±5%) K(±10%) L(±15%) M(±20%)	30	500	0.22	450	25.2MHz
SD322522-R15□	0.15		30	450	0.25		
SD322522-R18□	0.18		30	400	0.28		
SD322522-R22□	0.22		30	350	0.32		
SD322522-R27□	0.27		30	320	0.36		
SD322522-R33□	0.33		30	300	0.40		
SD322522-R39□	0.39		30	250	0.45		
SD322522-R47□	0.47		30	220	0.50		
SD322522-R56□	0.56		30	180	0.55		
SD322522-R68□	0.68		30	160	0.60		
SD322522-R82□	0.82		30	140	0.65		
SD322522-1R0□	1.0	J(±5%) K(±10%) L(±15%) M(±20%)	30	120	0.70	400	7.96MHz
SD322522-1R2□	1.2		30	100	0.75	390	
SD322522-1R5□	1.5		30	85	0.85	370	
SD322522-1R8□	1.8		30	80	0.90	350	
SD322522-2R2□	2.2		30	75	1.0	320	
SD322522-2R7□	2.7		30	70	1.1	290	
SD322522-3R3□	3.3		30	60	1.2	260	
SD322522-3R9□	3.9		30	55	1.3	250	
SD322522-4R7□	4.7		30	50	1.5	220	
SD322522-5R6□	5.6		30	47	1.6	200	
SD322522-6R8□	6.8		30	43	1.8	180	
SD322522-8R2□	8.2		30	40	2.0	170	

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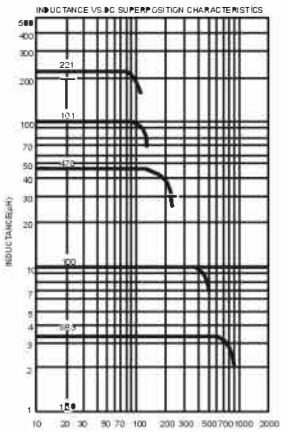
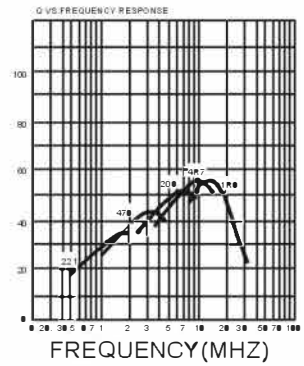
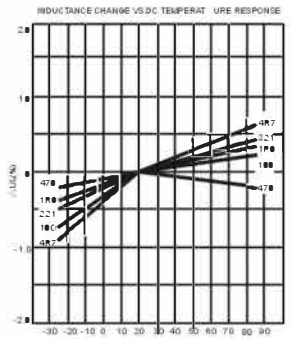
SD322522 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	TOLERANCE 公差	Q (min) 品质系数	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	TEST FREQUENCY 测试频率
SD322522-100□	10	J(±5%) K(±10%) L(±15%) M(±20%)	30	36	2.1	150	2.52MHz
SD322522-120□	12		30	33	2.5	140	
SD322522-150□	15		30	28	2.8	130	
SD322522-180□	18		30	25	3.3	120	
SD322522-220□	22		30	23	3.7	110	
SD322522-270□	27		30	20	5.0	80	
SD322522-330□	33		30	17	5.6	70	
SD322522-390□	39		30	16	6.4	65	
SD322522-470□	47		30	15	7.0	60	
SD322522-560□	56		30	13	8.0	55	
SD322522-680□	68		30	12	9.0	50	
SD322522-820□	82		30	11	10	45	
SD322522-101□	100		20	10	10	40	0.796MHz
SD322522-121□	120	J(±5%) K(±10%) L(±15%) M(±20%)	20	10	11	70	
SD322522-151□	150		20	8	15	65	
SD322522-181□	180		20	7	17	60	
SD322522-221□	220		20	7	21	50	







*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SD453232 SERIES

SPECIFICATI●N TABLE:

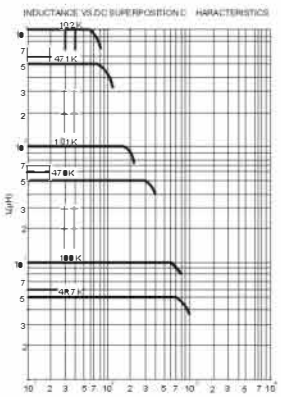
PART NUMBER 品名	INDUCTANCE (μH) 电感值	TOLERANCE 公差	Q (min) 品质系数	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	TEST FREQUENCY 测试频率
SD453232-R10□	0.10		35	300	0.18	800	
SD453232-R12□	0.12		35	280	0.20	770	
SD453232-R15□	0.15		35	250	0.22	730	
SD453232-R18□	0.18		35	220	0.24	700	
SD453232-R22□	0.22		40	200	0.25	665	
SD453232-R27□	0.27		40	180	0.26	635	
SD453232-R33□	0.33		40	165	0.28	605	25.2MHz
SD453232-R39□	0.39		40	150	0.30	575	
SD453232-R47□	0.47		40	145	0.32	545	
SD453232-R56□	0.56		40	140	0.36	520	
SD453232-R68□	0.68		40	135	0.40	500	
SD453232-R82□	0.82		40	130	0.45	475	
SD453232-1R0□	1.0		50	100	0.50	450	
SD453232-1R2□	1.2		50	80	0.55	430	
SD453232-1R5□	1.5		50	70	0.60	410	
SD453232-1R8□	1.8		50	60	0.65	390	
SD453232-2R2□	2.2	J(±5%)	50	55	0.70	380	
SD453232-2R7□	2.7	K(±10%)	50	50	0.75	370	
SD453232-3R3□	3.3	L(±15%)	50	45	0.80	355	7.96MHz
SD453232-3R9□	3.9	M(±20%)	50	40	0.90	330	
SD453232-4R7□	4.7		50	35	1.00	315	
SD453232-5R6□	5.6		50	33	1.10	300	
SD453232-6R8□	6.8		50	27	1.20	285	
SD453232-8R2□	8.2		50	25	1.40	270	
SD453232-100□	10		50	20	1.60	250	
SD453232-120□	12		50	18	2.00	225	
SD453232-150□	15		50	17	2.50	200	
SD453232-180□	18		50	15	2.80	190	
SD453232-220□	22		50	13	3.20	180	
SD453232-270□	27		50	12	3.60	170	
SD453232-330□	33		50	11	4.00	160	2.52MHz
SD453232-390□	39		50	10	4.50	150	
SD453232-470□	47		50	10	5.00	140	
SD453232-560□	56		50	9.0	5.50	135	
SD453232-680□	68		50	9.0	6.00	130	
SD453232-820□	82		50	8.0	7.00	120	

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

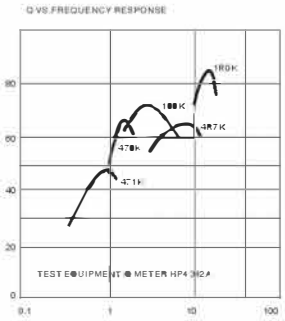
SD453232 SERIES

SPECIFICATI●N TABLE:

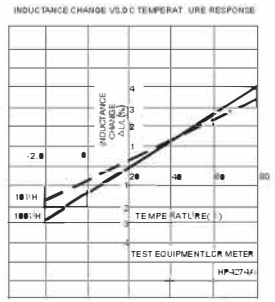
PART NUMBER 品名	INDUCTANCE (μH) 电感值	TOLERANCE 公差	Q (min) 品质系数	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	TEST FREQUENCY 测试频率
SD453232-101□	100		40	8.0	8.00	110	
SD453232-121□	120		40	6.0	8.00	110	
SD453232-151□	150		40	5.0	9.00	105	
SD453232-181□	180		40	5.0	9.50	102	
SD453232-221□	220		40	4.0	10.0	100	
SD453232-271□	270	J(±5%)	40	4.0	12.0	92	0.796MHz
SD453232-331□	330	K(±10%)	40	3.5	14.0	85	
SD453232-391□	390	L(±15%)	40	3.0	18.0	80	
SD453232-471□	470	M(±20%)	40	3.0	26.0	62	
SD453232-561□	560		30	3.0	30.0	50	
SD453232-681□	680		30	3.0	30.0	50	
SD453232-821□	820		30	2.5	35.0	30	
SD453232-102□	1000		20	2.5	40.0	30	0.252MHz



DC CURRENT(mA)



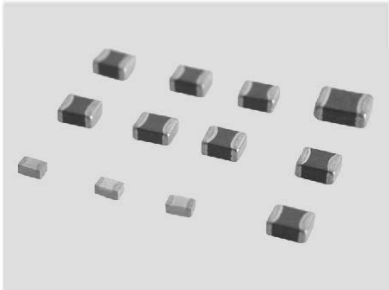
FREQUENCY(MHZ)



*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES

1.Monolithic inorganic material construction.
2.Closed magnetic circuit avoids crosstalk.
3.S.M.T.type.
4.Suitable for flow and reflow soldering.
5.Shapes and dimensions follow E.I.A.Spec..
6.Available in varions sizes.
7.Excellent solderability and heat resistance.
8.High realiability.



●特性

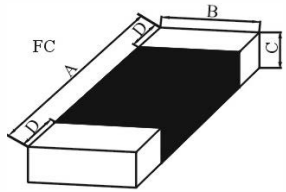
1.单一无机材料结构.
2.封闭磁路避免干扰.
3.表面粘着型式.
4.适合flow及reflow焊接.
5.形状及尺寸符合E.I.A.标准
6.多种尺寸可供选择
7.绝佳之焊锡性和耐热性.
8.高可靠性.

●PART NUMBERING SYSTEM（品名系统）

SD	4532	–	1R8	K	–	R	–	S	–	LF
1	2		3	4		5				
SERIESNAME	DIMENSIONS		INDUCTANCE	TOLERANCECODE		PACKINGCODE				
品名	尺寸		电感值	公差		包装				

J: ± 5%,K: ± 10%,L: ± 15%, R:Tape&Reel(卷装) S:series(系列)
M: ± 20%,P: ± 25%,N: ± 30% B:In Bulk (散装) Lf:Lead Free(无铅)

●SHAPES AND DIMENSIONS（形状及尺寸）



TYPE(型式)	DIMENSIONS			UNIT:mm
	A	B	C	D
SD4532(1812)	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.5 ± 0.3
SD3225(1210)	3.2 ± 0.2	2.5 ± 0.2	1.3 ± 0.2	0.5 ± 0.3
SD3216(1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.3	0.5 ± 0.3
SD2520(1008)	2.5 ± 0.2	2.0 ± 0.2	1.6 ± 0.3	0.5 ± 0.3
SD2012(0805)	2.0 ± 0.2	1.25 ± 0.2	0.85 ± 0.2 OR 1.25 ± 0.2	0.5 ± 0.3
SD1608(0603)	1.6 ± 0.15	0.8 ± 0.15	0.8 ± 0.15	0.3 ± 0.2

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SD4532 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD4532-R10□	1.5 ± 0.2	0.10	35	0.18	800	300	25.2MHz
SD4532-R15□	1.5 ± 0.2	0.15	35	0.22	730	250	25.2MHz
SD4532-R27□	1.5 ± 0.2	0.27	40	0.26	635	180	25.2MHz
SD4532-R39□	1.5 ± 0.2	0.39	40	0.30	575	150	25.2MHz
SD4532-R56□	1.5 ± 0.2	0.56	40	0.36	520	140	25.2MHz
SD4532-R82□	1.5 ± 0.2	0.82	40	0.45	475	130	25.2MHz
SD4532-1R2□	1.5 ± 0.2	1.2	50	0.55	430	80	7.96MHz
SD4532-2R2□	1.5 ± 0.2	2.2	50	0.70	380	55	7.96MHz
SD4532-3R3□	1.5 ± 0.2	3.3	50	0.80	355	45	7.96MHz
SD4532-4R7□	1.5 ± 0.2	4.7	50	1.00	315	35	7.96MHz
SD4532-6R8□	1.5 ± 0.2	6.8	50	1.20	285	27	7.96MHz
SD4532-100□	1.5 ± 0.2	10.0	50	1.60	250	20	2.52MHz
SD4532-150□	1.5 ± 0.2	15.0	50	2.50	200	17	2.52MHz
SD4532-220□	1.5 ± 0.2	22.0	50	3.20	180	13	2.52MHz
SD4532-330□	1.5 ± 0.2	33.0	50	4.00	160	11	2.52MHz

SD3225 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD3225-R12□	1.3 ± 0.2	0.12	30	0.22	450	500	25.2MHz
SD3225-R22□	1.3 ± 0.2	0.22	30	0.32	450	350	25.2MHz
SD3225-R33□	1.3 ± 0.2	0.33	30	0.40	450	300	25.2MHz
SD3225-R47□	1.3 ± 0.2	0.47	30	0.50	450	220	25.2MHz
SD3225-R68□	1.3 ± 0.2	0.68	30	0.60	450	160	25.2MHz
SD3225-1R0□	1.3 ± 0.2	1.0	30	0.70	400	120	7.96MHz
SD3225-1R8□	1.3 ± 0.2	1.8	30	0.90	350	80	7.96MHz
SD3225-2R7□	1.3 ± 0.2	2.7	30	1.10	290	70	7.96MHz
SD3225-3R9□	1.3 ± 0.2	3.9	30	1.30	250	55	7.96MHz
SD3225-5R6□	1.3 ± 0.2	5.6	30	1.60	200	47	7.96MHz
SD3225-8R2□	1.3 ± 0.2	8.2	30	2.00	170	40	7.96MHz
SD3225-120□	1.3 ± 0.2	12.0	30	2.50	140	33	2.52MHz
SD3225-180□	1.3 ± 0.2	18.0	30	3.30	120	27	2.52MHz
SD3225-270□	1.3 ± 0.2	27.0	30	5.00	80	20	2.52MHz
SD3225-330□	1.3 ± 0.2	33.0	30	5.60	70	17	2.52MHz

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SD3216 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD3216-47N□	1.1±0.3	0.047	20	0.15	300	320	50MHz
SD3216-82N□	1.1±0.3	0.082	20	0.25	300	260	50MHz
SD3216-R12□	1.1±0.3	0.12	20	0.30	250	220	25MHz
SD3216-R22□	1.1±0.3	0.22	20	0.40	250	170	25MHz
SD3216-R33□	1.1±0.3	0.33	20	0.50	250	145	25MHz
SD3216-R56□	1.1±0.3	0.56	25	0.70	200	115	25MHz
SD3216-R82□	1.1±0.3	0.82	25	0.90	150	100	25MHz
SD3216-1R5□	1.1±0.3	1.5	45	0.50	50	60	10MHz
SD3216-2R7□	1.1±0.3	2.7	45	0.60	50	45	10MHz
SD3216-3R9□	1.1±0.3	3.9	45	0.80	50	38	10MHz
SD3216-5R6□	1.1±0.3	5.6	50	0.70	25	32	4MHz
SD3216-8R2□	1.1±0.3	8.2	50	0.90	25	26	4MHz
SD3216-120□	1.1±0.3	12.0	50	1.05	15	22	2MHz
SD3216-180□	1.1±0.3	18.0	35	0.70	5	18	1MHz
SD3216-270□	1.1±0.3	27.0	35	0.90	5	14	1MHz
SD3216-330□	1.1±0.3	33.0	35	1.05	5	13	0.4MHz

SD2520 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD2520-R10□	1.6±0.3	0.10	30	0.21	570	680	25.2MHz
SD2520-R18□	1.6±0.3	0.18	30	0.29	460	520	25.2MHz
SD2520-R27□	1.6±0.3	0.27	30	0.33	420	330	25.2MHz
SD2520-R39□	1.6±0.3	0.39	30	0.40	375	290	25.2MHz
SD2520-R68□	1.6±0.3	0.68	30	0.52	320	220	25.2MHz
SD2520-1R2□	1.6±0.3	1.2	30	0.87	240	140	7.96MHz
SD2520-1R8□	1.6±0.3	1.8	30	1.10	220	120	7.96MHz
SD2520-3R3□	1.6±0.3	3.3	30	1.60	190	80	7.96MHz
SD2520-5R6□	1.6±0.3	5.6	30	2.20	170	60	7.96MHz
SD2520-8R2□	1.6±0.3	8.2	30	2.60	160	50	7.96MHz
SD2520-120□	1.6±0.3	12.0	25	2.50	150	27	2.52MHz
SD2520-220□	1.6±0.3	22.0	25	3.60	125	21	2.52MHz
SD2520-330□	1.6±0.3	33.0	25	4.70	110	17	2.52MHz

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SD2012 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD2012-47N□	0.85±0.2	0.047	15	0.20	300	320	50MHz
SD2012-R10□	0.85±0.2	0.10	20	0.30	250	235	25MHz
SD2012-R22□	0.85±0.2	0.22	20	0.50	250	170	25MHz
SD2012-R39□	0.85±0.2	0.39	25	0.65	200	135	25MHz
SD2012-R68□	1.25±0.2	0.68	25	0.80	150	105	25MHz
SD2012-1R2□	0.85±0.2	1.2	45	0.50	50	65	10MHz
SD2012-2R2□	0.85±0.2	2.2	45	0.65	30	50	10MHz
SD2012-3R9□	1.25±0.2	3.9	45	0.90	30	38	10MHz
SD2012-5R6□	1.25±0.2	5.6	45	0.90	15	32	4MHz
SD2012-8R2□	1.25±0.2	8.2	45	1.10	15	26	4MHz
SD2012-120□	1.25±0.2	12.0	45	1.25	15	22	2MHz
SD2012-180□	1.25±0.2	18.0	30	0.90	5	18	1MHz
SD2012-270□	1.25±0.2	27.0	30	1.15	5	14	1MHz
SD2012-330□	1.25±0.2	33.0	30	1.25	5	13	0.4MHz

SD1608 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	THICKNESS C SIZE (mm) 厚度	INDUCTANCE (μH) 电感值	Q (min) 品质系数	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流	SRF(min) (MHz) 自谐频率	TEST FREQUENCY 测试频率
SD1608-47N□	0.8±0.2	0.047	10	0.30	50	260	50 MHz
SD1608-82N□	0.8±0.2	0.082	10	0.30	50	245	50 MHz
SD1608-R12□	0.8±0.2	0.12	15	0.50	50	205	25 MHz
SD1608-R22□	0.8±0.2	0.22	15	0.80	50	150	25 MHz
SD1608-R39□	0.8±0.2	0.39	15	1.00	35	110	25 MHz
SD1608-R68□	0.8±0.2	0.68	15	1.70	35	80	25 MHz
SD1608-1R2□	0.8±0.2	1.2	30	0.80	25	60	10 MHz
SD1608-2R2□	0.8±0.2	2.2	30	1.15	15	45	10 MHz
SD1608-3R9□	0.8±0.2	3.9	30	1.70	15	36	10 MHz
SD1608-5R6□	0.8±0.2	5.6	30	1.55	15	22	4 MHz
SD1608-8R2□	0.8±0.2	8.2	30	2.10	15	18	4 MHz
SD1608-120□	0.8±0.2	12.0	30	2.75	15	15	1 MHz
SD1608-180□	0.8±0.2	18.0	20	1.85	15	13	1 MHz
SD1608-270□	0.8±0.2	27.0	20	2.75	15	10	1 MHz
SD1608-330□	0.8±0.2	33.0	20	2.95	15	9	1 MHz

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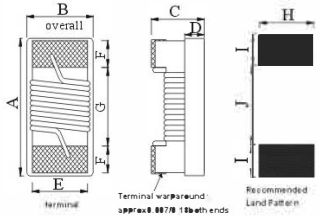
SD0402CS

Continuing in our long tradition of innovation and leadership, ChipSen introduced the industry's first 0402 wire wound inductor.

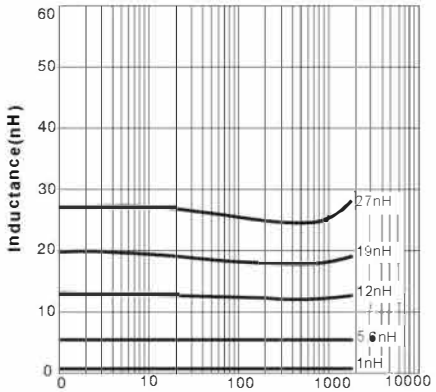
This series shares all of the characteristics of ChipSen's other ceramic inductors: exceptionally high Q factors, especially at use frequencies; outstanding self-resonant frequency; tight inductance tolerance; and excellent batch to batch consistency.



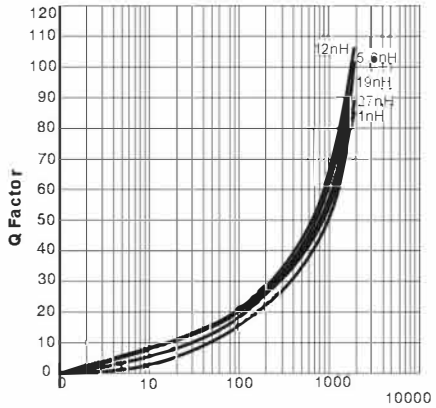
A max	B max	C max	D ref	E	F	G	H	I	J
0.047	0.025	0.026	0.010	0.020	0.009	0.022	0.026	0.014	0.018
1.19	0.64	0.66	0,25	0,51	0,23	0.56	0.66	0.36	0.46

Weight: 0.8–1.0 mg
Terminations: Silver–palladium–platinum–glass frit
Tape and reel: 2000/7" reel 8mm tape width
For packaging data see Tape and Reel Specifications section.

Typical L vs Frequency



Typical Q vs Frequency



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SD0402CS

Part number	Lnductance (nH)	Percent tolerance	900 MHz Ltyp	900 MHz Qtyp	1.7 GHz Ltyp	1.7 GHz Qtyp	SRF min (GHz)	DCR max (Ohms)	Irms (mA)
SD0402CS-1N0J	1.0	5	1.02	77	1.02	69	12.70	0.045	1380
SD0402CS-1N8J	1.8	5	1.78	54	1.78	75	12.00	0.070	1040
SD0402CS-2N0J	2.0	5	1.93	54	1.93	75	11.10	0.070	1040
SD0402CS-2N7J	2.7	5	2.58	42	2.60	61	10.40	0.120	640
SD0402CS-3N6J	3.6	5.2	3.56	45	3.62	71	6.80	0.066	840
SD0402CS-4N3J	4.3	5.2	4.19	47	4.30	71	6.00	0.091	700
SD0402CS-5N6J	5.6	5.2	5.16	54	5.28	81	4.80	0.083	760
SD0402CS-6N8J	6.8	5.2	6.56	63	6.93	78	4.80	0.083	680
SD0402CS-7N5J	7.5	5.2	7.91	60	8.22	88	4.80	0.10	680
SD0402CS-8N2J	8.2	5.2	8.50	57	8.85	84	4.40	0.10	680
SD0402CS-9N5J	9.5	5.2	9.42	54	9.98	69	4.00	0.20	480
SD0402CS-12NJ	12.0	5.2	11.9	53	12.70	71	3.60	0.12	640
SD0402CS-11NJ	11.0	5.2	10.7	52	11.20	78	3.68	0.12	640
SD0402CS-15NJ	15.0	5.2	14.6	55	15.50	77	3.28	0.17	560
SD0402CS-19NJ	19.0	5.2	19.1	50	21.10	67	3.04	0.20	480
SD0402CS-22NJ	22.0	5.2	23.2	53	26.75	53	2.80	0.30	400
SD0402CS-24NJ	24.0	5.2	25.1	51	29.50	50	2.48	0.30	400
SD0402CS-33NJ	33.0	5.2	34.9	31	41.74	32	2.35	0.30	400
SD0402CS-39NJ	39.0	5.2	41.7	47	50.23	45	2.10	0.55	200
SD0402CS-43NJ	43.0	5.2	45.8	46	61.55	34	2.03	0.81	100
SD0402CS-56NJ	56.0	5.2	62.8	42	–	–	1.76	0.97	100
SD0402CS-68NJ	68.0	5.2	78.2	36	–	–	1.62	1.12	100
SD0402CS-82NJ	82.0	5.2	–	–	–	–	1.26	1.55	50
SD0402CS-R10J	100.0	5.2	–	–	–	–	1.16	3.00	30

1. When ordering, please specify tolerance and packaging codes: 0402CS-68NXJLW
   Tolerance:G=2% J=5%
   (Table shows stock tolerances in bold.)
   Packaging:W=7"machine-ready reel.
   EIA-481 punched paper
   tape(2000 parts per full reel)
   U=Less than full reel.In tape,but not machine ready.
   To have a leader and trailer added($25 charge),
   Use code letter W instead.
2. Inducance measured at 250 MHz using a ChipSen SMD-F test fixture and ChipSen-provided correlation pieces with an Agilent/HP 4286 impedance analyzer.
3. Tolerances in bold are stocked for immediate shipment.
4. Q measured using an Agilent/HP 4291A with an Agilent/HP 4287A test fixture.
5. For SRF>6 Ghz, measured using an Agilent/HP 4287 A network analyzer and a Coilcraft SMD-D test fixture. For SRF-6 Ghz, measured using an Agilent/HP 4287A network analyzer and a ChipSen SMD-D test fixture.
6. DCR measured on a micro-ohmmeter.
7. Average current for a 15℃rise adove 25℃ ambient.
8. Operating temperature range -40℃ to +125℃.
9. Electrical specifications at 25℃
   See Qualitication Standards section for environmental and test data.

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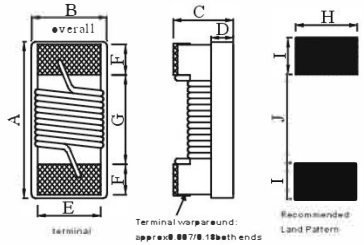
SD0603CS

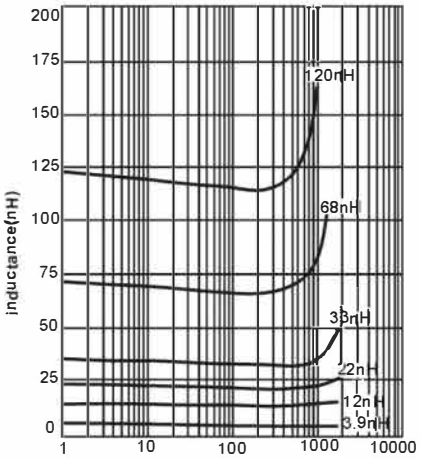
Ultra-small size,exceptional Q and high SRFs make these inductors ideal for high frequency applications where size is at a premium. They also have excellent DCR and current carrying Characteristics.



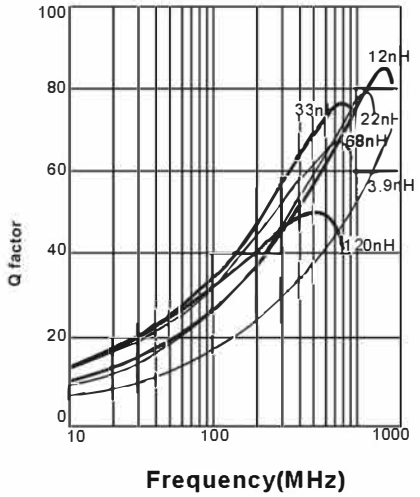
A max	B max	C max	D ref	E	F	G	H	I	J
0.071	0.044	0.040	0.015	0.030	0.013	0.034	0.040	0.025	0.025
1.80	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64

Weight: 3.2-3.7mg
Tape and reel: 2000/7" reel 8mm tape width
For packaging data see Tape and Reel Specifications section.

Typical L vs Frequency



Typical Q vs Frequency



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SD0603CS

Part number	Inductance (nH)	Percent tolerance	Q min	900 MHz L typ	900 MHz Q typ	1.7 GHz L typ	1.7 GHz Q typ	SRF MIN (MHz)	DCR max (Ohms)	Irms (mA)	Color code
SD0603CS-1N6J	1.6@250MHz	5	24	1.67	49	1.65	63	12500	0.030	700	Red
SD0603CS-2N2J	2.2@250MHz	5	13	2.22	31	2.24	44	12500	0.250	100	Yellow
SD0603CS-3N6J	3.6@250MHz	5,2	22	3.72	53	3.71	65	5900	0.063	700	Red
SD0603CS-4N3J	4.3@250MHz	5,2	22	4.32	50	4.33	70	5900	0.063	700	Orange
SD0603CS-5N6J	5.6@250MHz	5,2	26	5.77	63	6.05	80	4760	0.075	700	Black
SD0603CS-6N8J	6.8@250MHz	5,2	27	6.75	60	7.10	81	5800	0.110	700	Red
SD0603CS-7N5J	7.5@250MHz	5,2	28	7.70	60	7.82	65	4800	0.106	700	Brown
SD0603CS-8N7J	8.7@250MHz	5,2	28	8.86	62	9.32	58	4600	0.109	700	Yellow
SD0603CS-10NJ	10@250MHz	5,2	31	10.0	66	10.6	83	4800	0.130	700	Orange
SD0603CS-12NJ	12@250MHz	5,2	35	12.3	72	13.5	83	4000	0.130	700	Yellow
SD0603CS-16NJ	16@250MHz	5,2	34	16.2	55	17.3	52	3300	0.170	700	White
SD0603CS-22NJ	22@250MHz	5,2	38	22.8	73	26.1	71	3000	0.190	700	Violet
SD0603CS-27NJ	27@250MHz	5,2	40	29.2	74	34.6	65	2800	0.220	600	Gray
SD0603CS-33NJ	33@250MHz	5,2	40	36.0	67	49.5	42	2300	0.220	600	White
SD0603CS-43NJ	43@250MHz	5,2	38	47.0	44	64.9	21	2000	0.280	600	Orange
SD0603CS-51NJ	51@200MHz	5,2	35	55.5	69	82.2	34	1900	0.270	600	Blue
SD0603CS-68NJ	68@200MHz	5,2	37	80.5	54	168	21	1700	0.340	600	Orange
SD0603CS-72NJ	72@150MHz	5,2	34	82.0	53	135	20	1700	0.490	400	Yellow
SD0603CS-R10J	100@150MHz	5,2	34	124	49	135	20	1400	0.580	400	Blue
SD0603CS-R12J	120@150MHz	5,2	32	166	39	–	–	1300	0.650	300	Gray
SD0603CS-R15J	150@150MHz	5,2	28	250	25	–	–	990	0.920	280	White
SD0603CS-R21J	210@100MHz	5,2	27	–	–	–	–	895	2.06	200	Gray
SD0603CS-R27J	270@100MHz	5,2	24	–	–	–	–	900	2.30	170	Red
SD0603CS-R33J	330@100MHz	5,2	25	–	–	–	–	900	3.89	100	Blue
SD0603CS-R39J	390@100MHz	5,2	25	–	–	–	–	900	4.35	100	Yellow

1. When ordering,specify tolerance,termination and packaging codes: 0603CS-R39XJLW
   Tolerance:G=2% J=5%(Table shows stock tolerancesin bold.)
   Termination:L=RoHS compliant silver-palladium-platinum-glass frit
   Special order:T=RoHS tin-silver-copper(95.5/4/0.5) or S=non-RoHS tin-lead(63/37)
   Packaging:W=7□machine-ready reel..EIA-481 punchedpaper
   Tape (2000 parts per full reel).
   U=Less than full reel.In tape, but not machineready.
   To have a leader and trailer added($25 charge),
   Use code letter W instead.
2. Inductance measured using a ChipSen SMD-Afixture in an Agilent/HP 4286 impedance analyzer with ChipSen-provided correlation pieces.
3. Tolerances in bold are stocked for immediate shipment
4. Q measured at the same frequency as inductance using an Agilent/HP 4291A with an Agilent/HP 4287A test fixture.
5. SRF measured using an Agilent/HP 4287A network analyzer and a ChipSen SMD-D test fixture.
6. DCR measured on a Cambridge Technology micro-ohmmeter and a ChipSen CCF858 test fixture
7. Average current for15℃ rise from 25℃ ambient.
8. Operating temperature range,40℃ to + 125℃.
9. Electrical specifications at 25℃.
   See Qualification Standards section for environmental and test data.

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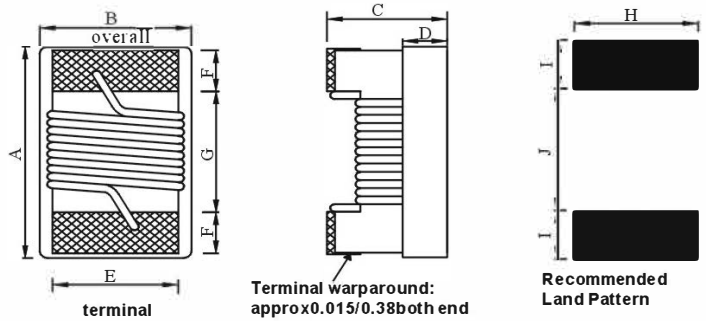
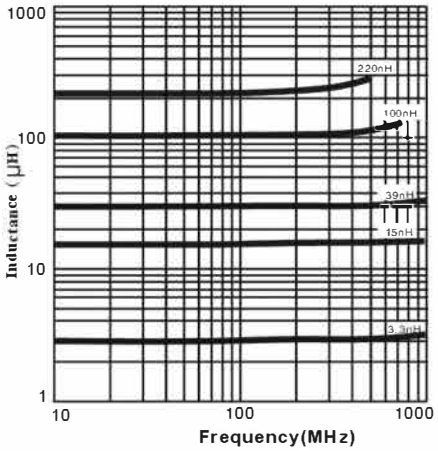
SD0805CS



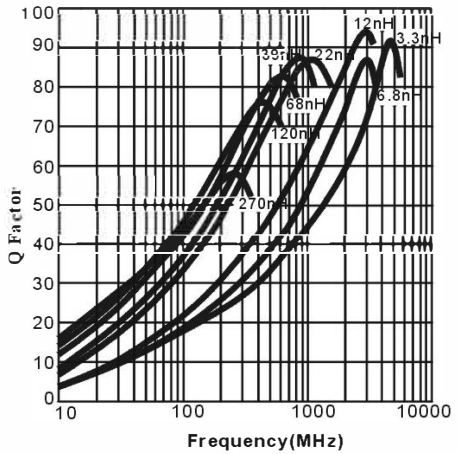
Amax	Bmax	Cmax	Dref	E	F	G	H	I	J
0.090	0.068	0.060	0.020	0.050	0.020	0.040	0.070	0.040	0.030
2.29	1.73	1.52	0.51	1.27	0.51	1.02	1.78	1.02	0.76

Weight: 10.2-11.6mg
Tape and reel: 2000/7" reel; 7500/13" reel 8mm tape width
For packaging data see Tape and Reel Specifications section.

Typical L vs Frequency



Typical Q vs Frequency



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SD0805CS

The 0805CS inductors provide exceptional Q values, even at high frequencies. They have a ceramic body and wire wound construction to provide the highest SRFs available in 0805 size.

Part number	Inductance (nH)	Tolerance	Q min	SRF MIN (Mhz)	DCR max (Ohms)	Irms (mA)	Color code
SD0805CS-2N8J	2.8@250MHz	20,10,5	80@1500MHz	7900	0.06	800	Gray
SD0805CS-3N0J	3.0@250MHz	20,10,5	50@1500MHz	7900	0.08	600	Black
SD0805CS-3N3J	3.3@250MHz	20,10,5	65@1500MHz	5500	0.08	600	Orange
SD0805CS-6N8J	6.8@250MHz	20,10,5	50@1500MHz	5500	0.11	600	Brown
SD0805CS-7N5J	7.5@250MHz	20,10,5	50@1500MHz	4500	0.14	600	Green
SD0805CS-8N2J	8.2@250MHz	20,10,5.2	50@1500MHz	4700	0.12	600	Red
SD0805CS-120J	12@250MHz	20,10,5.2	50@1500MHz	4000	0.15	600	Orange
SD0805CS-180J	18@250MHz	20,10,5.2	50@1500MHz	3300	0.20	600	Green
SD0805CS-240J	24@250MHz	20,10,5.2	50@1500MHz	2000	0.22	500	Gray
SD0805CS-330J	33@250MHz	20,10,5,2,1	60@1500MHz	2050	0.27	500	Gray
SD0805CS-390J	39@250MHz	20,10,5,2,1	60@1500MHz	2000	0.29	500	White
SD0805CS-470J	47@200MHz	20,10,5,2,1	60@1500MHz	1650	0.31	500	Black
SD0805CS-560J	56@200MHz	10,5,2,1	60@1500MHz	1550	0.34	500	Brown
SD0805CS-680J	68@200MHz	10,5,2,1	60@1500MHz	1450	0.38	500	Red
SD0805CS-820J	82@150MHz	10,5,2,1	65@1500MHz	1300	0.42	400	Orange
SD0805CS-910J	91@150MHz	10,5,2	65@1500MHz	1200	0.48	400	Black
SD0805CS-111J	110@150MHz	10,5,2	80@1500MHz	1000	0.48	400	Brown
SD0805CS-151J	150@100MHz	10,5,2	50@1500MHz	920	0.56	400	Blue
SD0805CS-221J	220@100MHz	10,5,2	50@1500MHz	850	0.70	400	Gray
SD0805CS-271J	270@100MHz	10,5,2	48@1500MHz	650	1.00	350	White
SD0805CS-391J	390@100MHz	10,5,2	48@1500MHz	560	1.50	290	Brown
SD0805CS-471J	470@50MHz	10,5,2	33@1500MHz	375	1.76	250	Violet
SD0805CS-561J	560@25MHz	10,5,2	23@1500MHz	340	1.90	230	Orange
SD0805CS-681J	681@25MHz	10,5,2	23@1500MHz	188	2.20	190	Green
SD0805CS-821J	820@25MHz	10,5,2	23@1500MHz	215	2.35	180	Blue

1. When ordering, specify tolerance, termination and packaging codes:0805CS-821XGLC
   Tolerance: F=1% G=2% J=5%
   (Table shows stock tolerances in bold.)
   Tremination:L=RoHS compliant siver-palladium-platinum-glass frit.
   Special order:T=RoHS tin-silver-copper(95.5/4/0.5) Or S=non-RoHS tin-lead(63/37). Packaging:C=7" machine-readv reel.EIA-481 embossed plastic Tape(2000 parts per full reel). B=Less than full reel. In tape, but not machine reedy. To have a leader and trailer added($25 charge),use Code letter C instead. D=13"machine-reedy reel. EIA-481 embossed plastic tape. Factory order only, not stocked (7500parts Per full reel).
2. Inductance measured using a ChipSen SMD-A fixture in an Agilent/HP 4286A impedance analyzer with ChipSen-provided correlation pieces.
3. Tolerances in bold are stocked for immediate shipment.
4. Q measured using an Agilent/HP 4291A with an Agilent/HP 4287A Testfixture.
5. SRF measured using an Agilent/HP 4287A network analyzer and a ChipSen SMD-D test fixture.
6. DCR measured on a Cambridge Technology micro-ohmmeter and a ChipSen CCF858 test fixture.
7. Average current for a 15℃ rise above 25℃ ambient.
8. Operating temperature range.40℃ to +125℃.
9. Electrical specificatins at 25℃.See Qualification Standards section for environmental and test data. Tape.Factory order only,not stocked(7500parts Per full reel).

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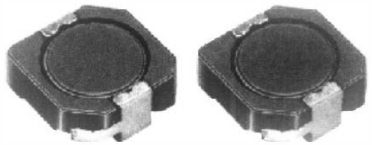
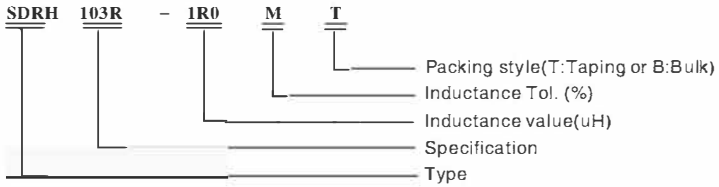


SMD POWER INDUCTORS

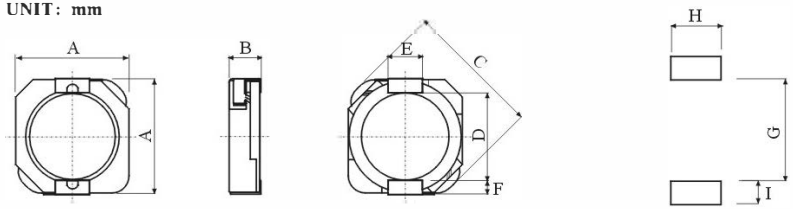
Ordering Code:



Inductance Tol. J: ±5%; K: ±10%; M: ±20%; N: ±30%
Inductance value. 1R0: 1.0(uH); 100:10(uH); 101:100(uH); 102:1000(uH)

Dimensions and Land Patterns

UNIT: mm



Type	A(max)	B(max)	C(max)	D	E	F	G	H	I
SDRH103R	10.50	3.10	13.50	7.70	3.00	1.20	7.30	3.20	1.60
SDRH104R	10.50	4.00	13.50	7.70	3.00	1.20	7.30	3.20	1.60
SDRH105R	10.50	5.10	13.50	7.70	3.00	1.20	7.30	3.20	1.60

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SMD POWER INDUCTORS

TYPE:SDRH103R,SDRH104R,SDRH105R

Part NO.	L(H)	SDRH103R		SDRH104R		SDRH105R	
		D.C.R(Ω) MAX.	Rated Current (A)※3	D.C.R(Ω) MAX.	Rated Current (A)※3	D.C.R(Ω) MAX.	Rated Current (A)※3
1R2	1.2u	12m(9m)	4.80	12m(9.5m)	5.40		
1R5	1.5u					5.8m(4.5m)	8.30
1R8	1.8u	14m(11m)	4.50				
2R2	2.2u			17m(13m)	4.95	7.2m(5.6m)	7.50
2R7	2.7u	18m(14m)	4.10				
3R3	3.3u			22m(17m)	4.35	10.5m(8.0m)	6.50
3R9	3.9u	22m(17m)	3.76	26m(20m)	4.05		
4R7	4.7u					12.5m(9.5m)	6.10
5R6	5.6u			33m(25m)	3.80		
6R8	6.8u	36m(28m)	3.10			18m(14m)	5.40
8R2	8.2u	42m(32m)	3.00			20m(16m)	4.85
100	10u	52m(40m)	2.80	60m(46m)	3.15	26m(20m)	4.45
150	15u	62m(48m)	2.10	78m(60m)	2.90	41m(32m)	3.40
220	22u	91m(70m)	1.80	107m(82m)	2.50	61m(47m)	2.90
330	33u	150m(115m)	1.53	133m(102m)	2.00	84m(65m)	2.50
470	47u	208m(160m)	1.34	241m(185m)	1.80	130m(100m)	2.00
560	56u	228m(175m)	1.19	260m(200m)	1.62	149m(115m)	1.90
680	68u	289m(222m)	1.13	338m(260m)	1.35	201m(155m)	1.60
820	82u	312m(240m)	1.04	384m(295m)	1.26	227m(175m)	1.45
101	100u	377m(290m)	960m	429m(330m)	1.17	253m(195m)	1.35
121	120u	449m(345m)	882m			303m(233m)	1.18
151	150u	607m(467m)	747m	611m(470m)	1.05	370m(285m)	1.10
181	180u	676m(520m)	688m			420m(322m)	1.00
221	220u	826(635m)	666m	939m(722m)	900m	500m(385m)	940m
271	270u	933(718m)	580m	1.17(900m)	720m	672m(512m)	800m
331	330u	1.14(880m)	513m	1.30(1.00)	530m	812m(625m)	730m
391	390u	1.43(1.10)	490m	1.56(1.20)	450m	953m(733m)	700m
471	470u	1.61(1.24)	450m	1.76(1.35)	405m	1.29(992m)	540m
561	560u					1.43(1.10)	520m
681	680u					1.60(1.23)	510m
821	820u					1.78(1.37)	480m
102	1.0m					2.00(1.54)	420m

1.测试频率：(F) /Measuring Frequency
L≤8.2uH 100KHz/0.25V
L≥10uH 1KHz/0.25V
2.电感公差范围：/Tolerance of Inductance
L≤8.2uH ±30%
L≥10uH ±20%
※3.额定电流：/Rated Current
额定电流：电感值下降至初期值的35%或温度上升至40度时的直流电流值中的最小值。(环境温度20度)
Rated Current: This indicates the value of current when the inductance is 35% lower than its initial Value at D.C.superposition or D.C. current when △T=40℃ whichever is lower.(Ta=20℃)
4. 无铅制品：/Lead-free Products
※测试仪器：HP4284A&HP42841A;502BC;CH1062 。

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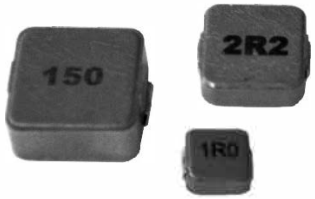
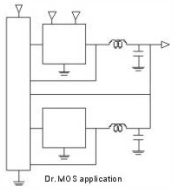


1.FEATURES

1. Magnetic metal powder inductor.
2. Compact design.
3. High current，low DCR，high efficiency.
4. Very low acoustic noise and very low leakage flux noise.
5. High reliability.
6. 100% Lead(Pb)-Free and RoHS compliant.

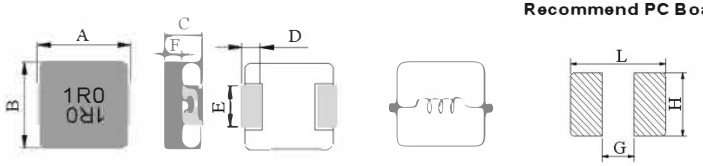
2.APPLICATIONS

Note PC power system，incl. IMVP-6
DC/DC converter



Recommend PC Board Pattern

3. DIMENSIONS



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	L(mm)	G(mm)	H(mm)
CHPC0603H	7.3±0.3	6.6±0.3	2.8±0.2	1.8±0.3	3.0±0.3	0~-2.0	8.4	2.5	3.5
CHPC0605H	7.3±0.3	6.6±0.3	4.8±0.2	1.8±0.3	3.0±0.3	0~-3.0	8.4	2.5	3.5

CHPC | 0605 | H | - | 1R0 | M
A B C D E

Note: 侧面可Coating 0~-2.5mm.

4. PART NUMBERING

A: Series
B: Dimension AxC
C: Type Magnetic metal powder
D: Inductance 1R0=1.0μH
E: Inductance Tolerance M=±20% Y=±30%
F: Control S/N 涂装灰色系列(正面涂装)；印字：喷码或移印，颜色：黑色，双向印字

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5.SPECIFICATION

Part Number	Inductance L● (uH)@● A	I rms (A) Typ.	I sat (A) Typ.	DCR(mΩ) Typ@25℃	DCR(mΩ) Max.@25℃
CHPC0●03H-R10Y-Z01	0.10±30%	32.5	●0.0	1.2	1.7
CHPC0●03H-R19Y-Z01	0.19±30%	24.0	41.0	2.4	3.0
CHPC0●03H-R20Y-Z01	0.20±30%	24.0	41.0	2.4	3.0
CHPC0●03H-R22M-Z01	0.22±20%	23.0	40.0	2.1	2.8
CHPC0●03H-R25M-Z01	0.25±20%	21.0	3●.0	3.3	3.5
CHPC0●03H-R33M-Z01	0.33±20%	20.0	32.0	3.5	3.9
CHPC0●03H-R36M-Z01	0.36±20%	19.0	32.0	3.6	4.2
CHPC0●03H-R47M-Z01	0.47±20%	17.5	26.0	4.0	4.2
CHPC0●03H-R56M-Z01	0.56±20%	16.5	25.5	4.7	5.0
CHPC0●03H-R68M-Z01	0.68±20%	15.5	25.0	4.8	5.5
CHPC0●03H-R82M-Z01	0.82±20%	13.0	24.0	6.7	8.0
CHPC0●03H-R90M-Z01	0.90±20%	11.0	22.0	8.3	10
CHPC0●03H-1R0M-Z01	1.00±20%	11.0	22.0	8.3	10
CHPC0●03H-1R2M-Z01	1.20±20%	10.0	20.0	10	12
CHPC0●03H-1R5M-Z01	1.50±20%	9.0	18.0	13	15
CHPC0●03H-2R2M-Z01	2.20±20%	8.0	14.0	18	20
CHPC0●03H-2R5M-Z01	2.50±20%	7.0	13.0	20	22
CHPC0●03H-3R3M-Z01	3.30±20%	6.0	13.5	28	30
CHPC0●03H-4R7M-Z01	4.70±20%	5.5	10.0	37	40
CHPC0●03H-5R6M-Z01	5.60±20%	5.0	9.0	43	48
CHPC0●03H-6R8M-Z01	6.80±20%	4.5	8.0	54	60
CHPC0●03H-8R2M-Z01	8.20±20%	4.0	7.5	64	68
CHPC0●03H-100M-Z01	10.0±20%	3.5	6.0	75	85
CHPC0●03H-120M-Z01	12.0±20%	3.3	5.5	81	93
CHPC0●03H-150M-Z01	15.0±20%	3.0	5.0	104	120
CHPC0●03H-180M-Z01	18.0±20%	2.5	4.0	140	160
CHPC0●03H-220M-Z01	22.0±20%	2.0	3.5	165	190
CHPC0●05H-R47M-Z01	0.47	22	30	3.5	3.9
CHPC0●05H-R56M-Z01	0.56	20	27	3.6	4.2
CHPC0●05H-R68M-Z01	0.68	18	24	4.0	4.5
CHPC0●05H-R82M-Z01	0.82	16.5	22	4.6	4.9
CHPC0●05H-1R0M-Z01	1.00	15	20	6.1	6.5
CHPC0●05H-1R2M-Z01	1.20	14	18	6.7	7.5
CHPC0●05H-1R5M-Z01	1.50	12	16.5	8.6	9.0
CHPC0●05H-2R2M-Z01	2.20	10	14	11.2	12.0
CHPC0●05H-3R3M-Z01	3.30	8	12	19	20.9
CHPC0●05H-4R7M-Z01	4.70	6.5	10	28	30.8
CHPC0●05H-5R6M-Z01	5.60	6.0	9.0	43.5	49
CHPC0●05H-6R8M-Z01	6.80	5.5	8.5	46	51.5
CHPC0●05H-8R2M-Z01	8.20	5.0	8.0	56	63
CHPC0●05H-100M-Z01	10.0	4.0	7.5	60	69

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SPECIFICATION

Part Number	Inductance L0 (uH)@ 0 A	I rms (A) Typ.	I sat (A) Typ.	DCR(mΩ) Typ@25℃	DCR(mΩ) Max.@25℃
TMPC1004H-R15Y-Z01	0.15±30%	40	75	0.5	0.65
TMPC1004H-R20Y-Z01	0.20±30%	38	60	0.7	0.8
TMPC1004H-R22M-Z01	0.22±20%	35	60	0.8	1.0
TMPC1004H-R36M-Z01	0.36±20%	31	60	1.05	1.2
TMPC1004H-R39M-Z01	0.39±20%	30	60	1.1	1.3
TMPC1004H-R41M-Z01	0.41±20%	30	60	1.1	1.3
TMPC1004H-R45M-Z01	0.45±20%	29	45	1.3	1.5
TMPC1004H-R47M-Z01	0.47±20%	28	43	1.3	1.5
TMPC1004H-R56M-Z01	0.56±20%	25	40	1.6	1.8
TMPC1004H-R68M-Z01	0.68±20%	22	39	2.4	2.7
TMPC1004H-R75M-Z01	0.75±20%	21	38	2.6	2.9
TMPC1004H-R78M-Z01	0.78±20%	21	38	2.6	2.9
TMPC1004H-R88M-Z01	0.88±20%	20	38	2.7	3.0
TMPC1004H-1R0M-Z01	1.00±20%	18	36	3.0	3.3
TMPC1004H-1R2M-Z01	1.20±20%	17	33	3.4	4.0
TMPC1004H-1R5M-Z01	1.50±20%	16	31	4.0	4.6
TMPC1004H-2R2M-Z01	2.20±20%	12	27	6.5	7.0
TMPC1004H-3R3M-Z01	3.30±20%	11	20	10.8	11.8
TMPC1004H-4R7M-Z01	4.70±20%	10	17	15.0	15.5
TMPC1004H-5R6M-Z01	5.60±20%	9.0	14	17.0	19.3
TMPC1004H-6R8M-Z01	6.80±20%	8.5	13.5	17.5	23.3
TMPC1004H-8R2M-Z01	8.20±20%	8.0	12.5	20	22.5
TMPC1004H-100M-Z01	10.0±20%	7.5	12.0	27.0	30
TMPC1004H-120M-Z01	12.0±20%	7.0	11.5	37	42
TMPC1004H-150M-Z01	15.0±20%	6.25	10	40	45
TMPC1004H-180M-Z01	18.0±20%	5.5	9.0	56	62
TMPC1004H-220M-Z01	22.0±20%	5.0	7.0	64	74

Note:

1. Test frequency : L : 100KHz /1.0V;
2. All test data referenced to 25℃ ambient.
3. Testing Instrument : L/Q: HP4284A,CH11025,CH3302,CH1320 ,CH1320S LCR METER / Rdc:CH16502, Agilent33420A MICRO OHMMETER.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately △t of 40℃ (keep 1min.).
5. Saturation Current (Isat) will cause L0 to drop 20% typical. (keep quickly).
6. The part temperature (ambient + temp rise) should not exceed 125℃ under worst case operating conditions. Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
7. Special inquiries besides the above common used types can be met on your requirement.

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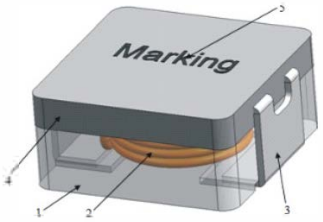

6. MATERIAL LIST

	Items	Materials
1	Core	Magnetic metal powder or equ.
2	Wire	Polyester Wire or equivalent.
3	Solder Plating	100% Pb free solder
4	paint	Epoxy resin
5	Ink	Halogen-free ketone

7. RELIABILITY AND TEST CONDITION

Item	Performance	Test Condition
Operating temperature	-40~+125℃	
Storage temperature and Humidity range	-40~+125℃,50~60%RH (Product without taping)	
Electrical Performance Test		
Inductance	Refer to standard electrical characteristics list.	HP4284A,CH11025,CH3302, CH1320,CH1320SLCR Meter.
DCR		CH16502,Agilent33420A Micro-Ohm Meter.
Saturation Current (Isat)	▲L20% typical.	Saturation DC Current (Isat) will cause L0 to drop ▲L(%)(keep quickly).
Heat Rated Current (Irms)	Approximately ▲T≤40℃	Heat Rated Current (Irms) will cause the coil temperature rise ▲T(℃) without core loss. 1.Applied the allowed DC current(keep 1 min.). 2.Temperature measured by digital surface thermometer.

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RELIABILITY TEST		
High Temperature Exposure Test	Electric specifications should be satisfied	Temperature:125±2℃ Duration:1000±12hrs. Measured at room temperature after placing for 2 to 3hrs. (MIL-PRF-27)
Biased Humidity Test		Humidity:85±3%RH. Temperature:85±2℃. Duration:1000±12hrs. Measured at room temperature after placing for 2 to 3hrs (AEC-Q200-REV C)
Thermal shock test		Condition for 1 cycle Step1:-40+0/-2℃. 15±1 min. Step2:Room temperature within ≤0.2 min. Step3:+125+2/-0℃ 15±1min. Number of cycles:300 Measured at room temperature after placing for 2 to 3 hrs. (AEC-Q200-REV C)
Vibration test		**Frequency:** 10-2000-10Hz for 20 min. **Amplitude:** Parts mounted within 2" from any secure point. **Directions and times:** X, Y, Z directions for 20 min. This cycle shall be performed 12 times in each of three mutually perpendicular directions (Total 12hours). (MIL-STD-202 Method 204 D Test condition B)
Reflow test		Pre-heat: 150±5℃ Duration: 5 minutes Temperature: 260±5℃, 20~40 seconds (IPC/JEDEC J-STD-020C)
Solder test	Terminals should be covered by over 95% solder on visual inspection	After dip into flux, dip into solder 235±5℃, 4±1seconds Flux、solder for lead free (ANSI /J-STD-002C Method B)

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8. SOLDERING AND MOUNTING

(1) Soldering:

Mildly activated rosin fluxes are preferred. The minimum amount of solder can lead to damage from the stresses caused by the difference in coefficients of expansion between solder, chip and substrate. The terminations are suitable for re-flow soldering systems. If hand soldering cannot be avoided, the preferred technique is the utilization of hot air soldering tools.

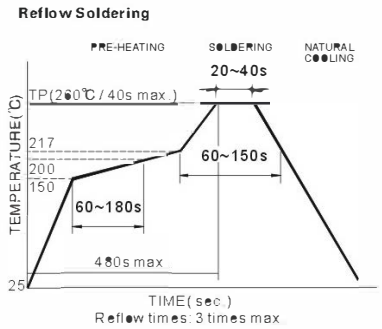
(2) Solder re-flow:

Recommended temperature profiles for re-flow soldering in Figure 1.

(3)Soldering Iron:

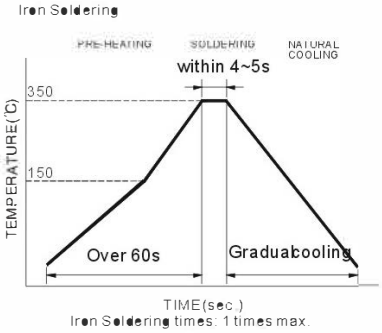
Products attachment with a soldering iron is discouraged due to the inherent process control limitations. In the event that a soldering iron must be employed the following precautions are recommended.

- ◆Preheat circuit and products to 150℃
- ◆Never contact the ceramic with the iron tip
- ◆Use a 20 watt soldering iron with tip diameter of 1.0mmM
- ◆355℃ tip temperature (max)
- ◆1.0mm tip diameter (max)
- ◆Limit soldering time to 4~5sec.



Reflow times: 3 times max

Fig 1

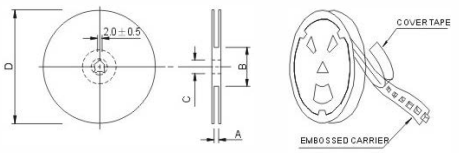


Iron Soldering times: 1 times max.

Fig 2

9. PACKAGING INFORMATION

(1) Reel Dimension



Type	A(mm)	B(mm)	C(mm)	D(mm)
13"×24mm	24.0±0.5	100±2	13.5±0.5	330

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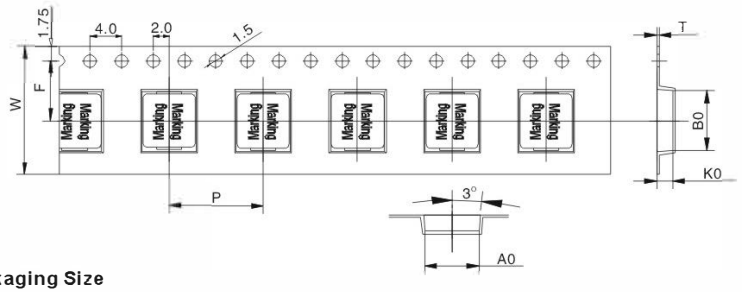


(2) Packaging Size

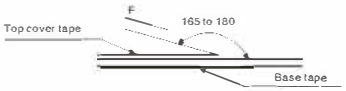
Series	Size	Bo(mm)	Ao(mm)	Ko(mm)	P(mm)	W(mm)	F(mm)	t(mm)
CHPC	0603	7.7±0.1	7.0±0.1	3.3±0.1	12.0±0.1	16±0.3	7.5±0.1	0.35±0.05
CHPC	0605	7.7±0.1	7.0±0.1	5.3±0.1	12.0±0.1	16±0.3	7.5±0.1	0.35±0.05
CHPC	1004	11.6±0.1	10.4±0.1	4.3±0.1	16.0±0.1	24±0.3	11.5±0.1	0.35±0.05

(3) Packaging Quantity

CHPC	1004
Chip / Reel	500
Inner box	1000
Carton	4000

Room Temp. (℃)	Room Humidity (%)	Room aCH (hPa)	Tearing Speed mm/min
5~35	45~85	860~1060	300

(4) Tearing Off Force



The force for tearing off cover tape is 10 to 130 grams in the arrow direction under the following conditions (referenced ANSI/EIA-481-C-2003 of 4.11 stadnard)

Room Temp. (℃)	Room Humidity (%)	Room aCH (hPa)	Tearing Speed mm/min
5~35	45~85	860~1060	300

APPLICATION NOTICE

◆Storage Conditions

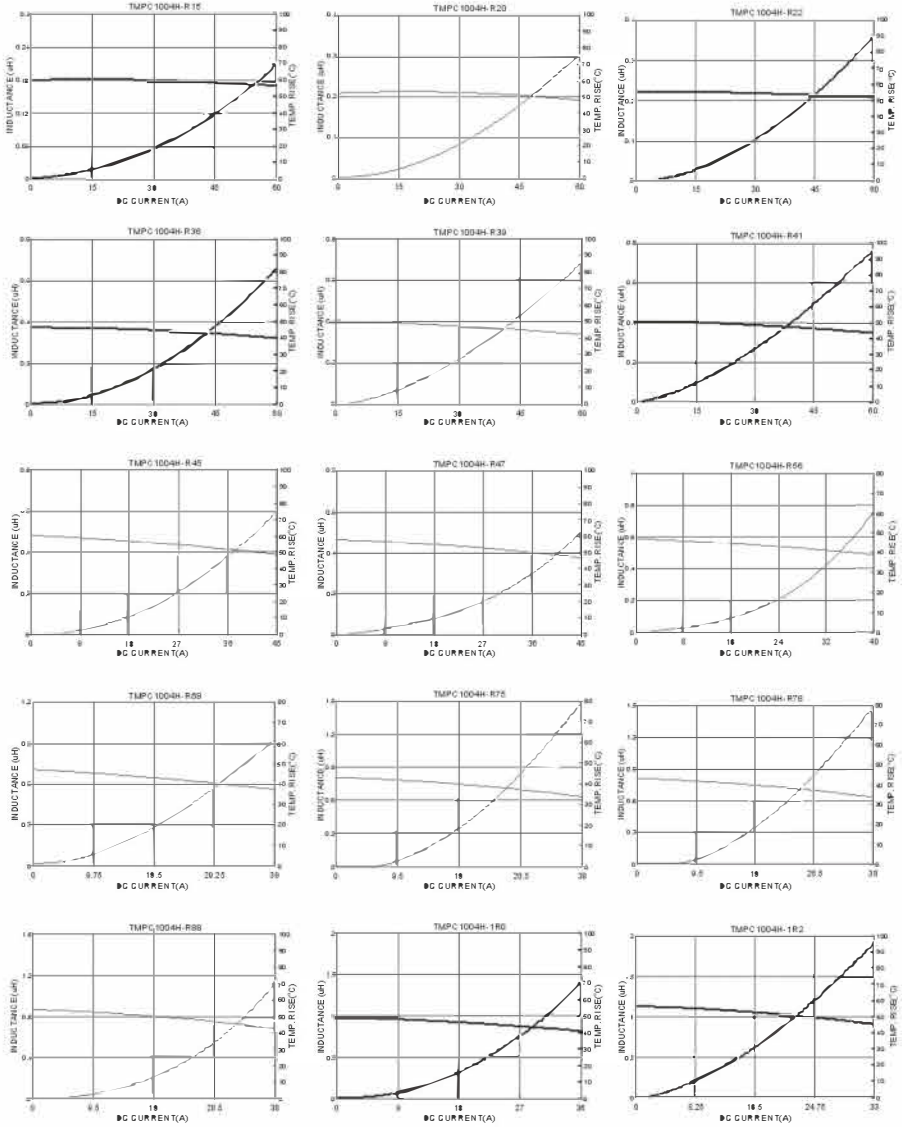
To maintain the solder ability of terminal electrodes:

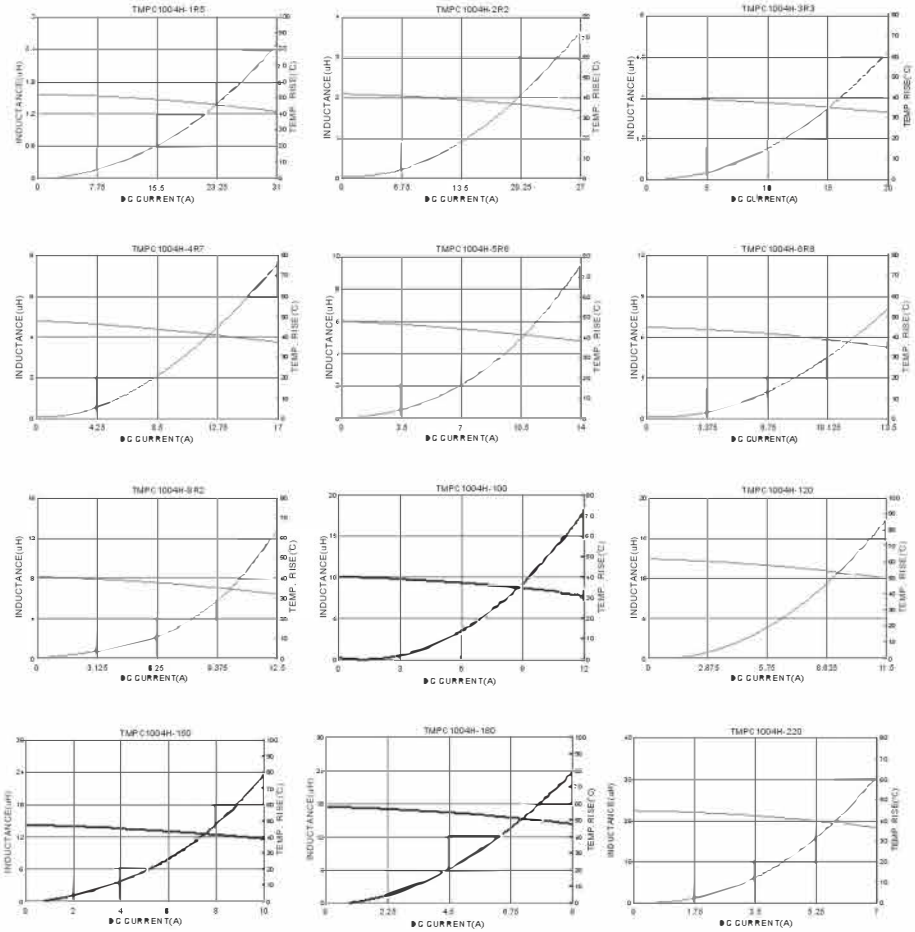
1. CHIPSEN products meet IPC/JEDEC J-STD-020Dstandard-MSL, level 2.
2. Temperature and humidity conditions: Less than 30℃ and 70% RH.
3. Recommended products should be used within 6 months form the time of delivery.
4. The packaging material should be kept where no chlorine or sulfur exists in the air.

◆Transportation

1. Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
2. The use of tweezers or vacuum pick up is strongly recommended for individual components.
3. Bulk handling should ensure that abrasion and mechanical shock are minimized.

10. TYPICAL PERFORMANCE CURVES





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●FEATURES

Various high power inductors are superior
To be high saturation for surface mounting.

●特性

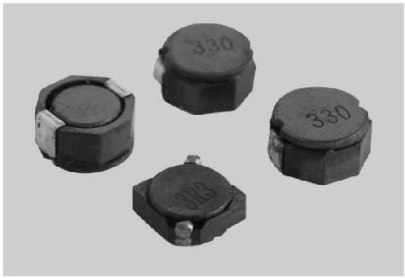
具有高功率、强力饱和电流、低阻抗、小型化之特性。

●APPLICATIONS

Power supply for VTR,OA equipment
Digital camera,LCD television set
notebook PC ,portable communication
equipments,DC/DC converters,etc.

●用途

录影机、OA仪器.数码相机、液晶电视.笔记型电脑、
小型通信机器、DC/DC变压器之电源供应器等。



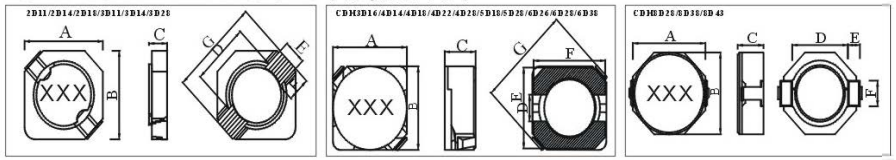
●PART NUMBERING SYSTEM（品名系统）

CDH [3][D][1][6][T] – [1][0][0] [N] – [R] – [S] – [L][F]

1	2	3	4	5
SERIESNAME	DIMENSIONS	INDUCTANCE	TOLERANCECODE	PACKINGCODE
品名	尺寸	电感值	公差	包装

J:±5%,K:±10%,L:±15%, R:Tape&Reel(卷装) S:series(系列)
M:±20%,P:±25%,N:±30% B:In Bulk (散装) Lf:Lead Free(无铅)

●SHAPES AND DIMENSIONS（形状及尺寸）



TYPE(型式)	A	B	C	D	E	F	G
CDH2D11LD/HP	3.2MAX	3.2MAX	1.2MAX	2.1	1.0	0.7	4.5
CDH2D14L	3.2MAX	3.2MAX	1.55MAX	2.1	1.0	0.7	4.5
CDH2D18LD/HP	3.2MAX	3.2MAX	2.0MAX	2.1	1.0	0.7	4.5
CDH3D11L	4.0MAX	4.0MAX	1.2MAX	2.8	1.1		5.2MAX
CDH3D14HP	4.0MAX	4.0MAX	1.5MAX	2.8	1.1		5.2MAX
CDH3D16T	4.0MAX	4.0MAX	1.8MAX	1.15	3.6	3.6	5.2MAX
CDH3D16LD	4.0MAX	4.0MAX	1.8MAX	1.15	3.6	3.6	5.2MAX
CDH3D16HP	4.0MAX	4.0MAX	1.8MAX	1.15	3.6	3.6	5.2MAX
CDH3D28L	4.0MAX	4.0MAX	3.0MAX	2.8	1.1		5.2MAX
CDH4D14HP	4.8MAX	4.8MAX	1.5MAX	1.5	4.5	4.5	6.2MAX
CDH4D18T	5.0MAX	5.0MAX	2.0MAX	1.5	4.5	4.5	6.9MAX
CDH4D22T	5.0MAX	5.0MAX	2.4MAX	1.5	4.5	4.5	6.9MAX
CDH4D28T	5.0MAX	5.0MAX	2.4MAX	1.5	4.5	4.5	6.9MAX
CDH5D18T	6.0MAX	6.0MAX	2.0MAX	2.0	5.5	5.5	8.2MAX
CDH5D28T	6.0MAX	6.0MAX	3.0MAX	2.0	5.5	5.5	8.2MAX
CDH6D28T	7.0MAX	7.0MAX	3.0MAX	2.0	6.5	6.5	9.5MAX
CDH6D38T	7.0MAX	7.0MAX	4.0MAX	2.0	6.5	6.5	9.5MAX
CDH8D28T	8.3MAX	8.3MAX	3.0MAX	6.3	1.2	2.5	
CDH8D38T	8.3MAX	8.3MAX	4.0MAX	6.3	1.2	2.5	
CDH8D43T	8.3MAX	8.3MAX	4.5MAX	6.3	1.2	2.5	

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CDH2D11LD SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH2D11LD-1R5N	1.5	0.068	0.9	100KHz
CDH2D11LD-2R2N	2.2	0.098	0.78	100KHz
CDH2D11LD-3R3N	3.3	0.123	1.02	100KHz
CDH2D11LD-4R7N	4.7	0.170	0.5	100KHz
CDH2D11LD-6R8N	6.8	0.260	0.44	100KHz
CDH2D11LD-100N	10	0.4	0.35	100KHz

CDH2D11HP SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH2D11HP-1R5N	1.5	0.080	1.35	100KHz
CDH2D11HP-2R2N	2.2	0.120	1.1	100KHz
CDH2D11HP-3R3N	3.3	0.135	0.9	100KHz
CDH2D11HP-4R7N	4.7	0.238	0.75	100KHz
CDH2D11HP-6R8N	6.8	0.371	0.63	100KHz
CDH2D11HP-100N	10	0.559	0.52	100KHz

CDH2D14L SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH2D14L-1R5N	1.5	0.063	1.8	100KHz
CDH2D14L -2R2N	2.2	0.094	1.5	100KHz
CDH2D14L -3R3N	3.3	0.125	1.2	100KHz
CDH2D14L -4R7N	4.7	0.169	1.0	100KHz
CDH2D14L -6R8N	6.8	0.213	0.85	100KHz
CDH2D14L -100N	10	0.294	0.7	100KHz

CDH2D18LD SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH2D18LD-2R2_	2.2	0.041(0.033)	0.850	100KHz
CDH2D18LD-3R3_	3.3	0.054(0.043)	0.750	100KHz
CDH2D18LD-4R7_	4.7	0.078(0.062)	0.630	100KHz
CDH2D18LD-6R8_	6.8	0.106(0.085)	0.520	100KHz
CDH2D18LD-100_	10	0.180(0.145)	0.430	100KHz
CDH2D18LD-150_	15	0.220(0.175)	0.350	100KHz

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CDH2D18HP SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH2D18HP-1R7N	1.7	0.044	1.85	100KHz
CDH2D18HP-2R2N	2.2	0.060	1.6	100KHz
CDH2D18HP-3R3N	3.3	0.086	1.45	100KHz
CDH2D18HP-4R7N	4.7	0.140	1.20	100KHz
CDH2D18HP-6R8N	6.8	0.16	1.05	100KHz
CDH2D18HP-100N	10	0.24	0.85	100KHz

CDH3D11L SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D11L-2R7_	2.7	0.065	530	100KHz
CDH3D11L-4R7_	4.7	0.095	400	100KHz
CDH3●11L-6R8_	6.8	0.150	340	100KHz
CDH3D11L-8R2_	8.2	0.190	320	100KHz
CDH3D11L-100_	10	0.200	280	100KHz
CDH3D11L-150_	15	0.320	230	100KHz
CDH3D11L-180_	18	0.400	210	100KHz
CDH3D11L-220_	22	0.450	190	100KHz
CDH3D11L-270_	27	0.650	170	100KHz
CDH3D11L-330_	33	0.700	150	100KHz
CDH3D11L-390_	39	0.850	140	100KHz

CDH3D14HP SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D14HP-1R5_	1.5	0.076(0.061)	2.60 2.00	100KHz
CDH3D14HP-2R4_	2.4	0.129(0.103)	2.00 1.50	100KHz
CDH3D14HP-3R2_	3.2	0.139(0.111)	1.80 1.30	100KHz
CDH3D14HP-4R7_	4.7	0.214(0.171)	1.45 1.00	100KHz
CDH3D14HP6R8_	6.8	0.290(0.232)	1.20 0.900	100KHz
CDH3D14HP8R2_	8.2	0.440(0.352)	1.00 0.720	100KHz
CDH3D14HP-100_	10	0.650(0.521)	0.800 0.600	100KHz
CDH3D14HP-150_	15	0.830(0.666)	0.650 0.480	100KHz

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CDH3D16T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D16T-1R5N	1.5	0.052	1.55	100KHz
CDH3D16T-3R3N	3.3	0.085	1.10	100KHz
CDH3D16T-6R8N	6.8	0.170	0.73	100KHz
CDH3D16T-100N	10	0.210	0.55	100KHz
CDH3D16T-220N	22	0.430	0.40	100KHz
CDH3D16T-330N	33	0.675	0.32	100KHz

CDH3D16LD SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D16LD-3R3_	3.3	0.066(0.053)	0.80	100KHz
CDH3D16LD-4R7_	4.7	0.091(0.073)	0.68	100KHz
CDH3D16LD-5R6_	5.6	0.102(0.082)	0.62	100KHz
CDH3D16LD-6R8_	6.8	0.130(0.104)	0.58	100KHz
CDH3D16LD-8R2_	8.2	0.140(0.112)	0.51	100KHz
CDH3D16LD-100_	10	0.190(0.152)	0.46	100KHz
CDH3D16LD-120_	12	0.205(0.164)	0.42	100KHz
CDH3D16LD-150_	15	0.272(0.218)	0.38	100KHz

CDH3D16HP SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D16HP-1R7_	1.7	0.051(0.041)	2.00	100KHz
CDH3D16HP-2R2_	2.2	0.059(0.047)	1.75	100KHz
CDH3D16HP-3R3_	3.3	0.116(0.093)	1.40	100KHz
CDH3D16HP-4R7_	4.7	0.180(0.145)	1.00	100KHz
CDH3D16HP-5R6_	5.6	0.230(0.185)	0.840	100KHz
CDH3D16HP-6R8_	6.8	0.410(0.328)	0.650	100KHz
CDH3D16HP-8R2_	8.2	0.610(0.488)	0.550	100KHz
CDH3D16HP-100_	10	0.870(0.695)	0.460	100KHz

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CDH3D28L SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH3D28L-1R7_	1.7	0.0721(0.0577)	2.00	100KHz
CDH3D28L-3R3_	3.3	0.0883(0.0706)	1.65	100KHz
CDH3D28L-4R7_	4.7	0.119(0.0950)	1.24	100KHz
CDH3D28L-6R8_	6.8	0.145(0.116)	1.05	100KHz
CDH3D28L-100_	10	0.213(0.170)	0.900	100KHz
CDH3D28L-150_	15	0.335(0.268)	0.760	100KHz
CDH3D28L-220_	22	0.481(0.385)	0.580	100KHz
CDH3D28L-330_	33	0.599(0.479)	0.480	100KHz

CDH4D14HP SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH4D14HP-4R7_	4.7	0.140(0.115)	1.10	100KHz
CDH4D14HP-6R8_	6.8	0.190(0.155)	0.920	100KHz
CDH4D14HP-100_	10	0.280(0.230)	0.750	100KHz

CDH4D18T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH4D18T-1R0N	1.0	0.045	1.72	100KHz
CDH4D18T-2R2N	2.2	0.075	1.32	100KHz
CDH4D18T-3R9N	3.9	0.155	0.88	100KHz
CDH4D18T-4R7N	4.7	0.162	0.84	100KHz
CDH4D18T-5R6N	5.6	0.170	0.80	100KHz
CDH4D18T-6R8N	6.8	0.200	0.76	100KHz
CDH4D18T-8R2N	8.2	0.245	0.68	100KHz
CDH4D18T-100N	10	0.200	0.61	100KHz
CDH4D18T-150N	15	0.240	0.50	100KHz
CDH4D18T-270N	27	0.441	0.35	100KHz
CDH4D18T-390N	39	0.709	0.30	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDH4D22T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH4D22T-1R5_	1.5	0.0183(0.0141)	2.00	100KHz
CDH4D22T-2R3_	2.3	0.0254(0.0195)	1.80	100KHz
CDH4D22T-3R9_	3.9	0.0402(0.0309)	1.30	100KHz
CDH4D22T-4R7_	4.7	0.0559(0.0430)	1.10	100KHz
CDH4D22T-5R6_	5.6	0.0620(0.0477)	1.05	100KHz
CDH4D22T-6R8_	6.8	0.0880(0.0677)	1.00	100KHz
CDH4D22T-8R2_	8.2	0.0965(0.0742)	0.900	100KHz
CDH4D22T-100_	10	0.1024(0.0788)	0.800	100KHz
CDH4D22T-150_	15	0.1274(0.0980)	0.680	100KHz
CDH4D22T-220_	22	0.1997(0.1536)	0.540	100KHz
CDH4D22T-390_	39	0.4512(0.3471)	0.430	100KHz
CDH4D22T-470_	47	0.5004(0.3849)	0.380	100KHz
CDH4D22T-560_	56	0.5554(0.4272)	0.360	100KHz
CDH4D22T-680_	68	0.6341(0.4878)	0.330	100KHz
CDH4D22T-820_	82	0.7946(0.6089)	0.300	100KHz
CDH4D22T-101_	10	0.880(0.670)	0.250	100KHz
CDH4D22T-121_	120	1.140(0.0880)	0.230	100KHz
CDH4D22T-151_	150	1.350(1.040)	0.210	100KHz

CDH4D28T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH4D28T-1R2N	1.2	0.024	2.56	100KHz
CDH4D28T-2R2N	2.2	0.031	2.04	100KHz
CDH4D28T-3R3N	3.3	0.049	1.57	100KHz
CDH4D28T-5R6N	5.6	0.101	1.17	100KHz
CDH4D28T-8R2N	8.2	0.118	1.04	100KHz
CDH4D28T-120N	12	0.132	0.84	100KHz
CDH4D28T-220N	22	0.235	0.70	100KHz
CDH4D28T-330N	33	0.378	0.56	100KHz
CDH4D28T-470N	47	0.587	0.48	100KHz
CDH4D28T-680N	68	0.699	0.35	100KHz
CDH4D28T-101N	100	1.02	0.29	100KHz
CDH4D28T-151N	150	1.35	0.24	100KHz
CDH4D28T-181N	180	1.54	0.22	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDH5D18T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH5D18T-4R1N	4.1	0.057	1.95	100KHz
CDH5D18T-5R4N	5.4	0.076	1.60	100KHz
CDH5D18T-6R2N	6.2	0.096	1.40	100KHz
CDH5D18T-8R9N	8.9	0.116	1.25	100KHz
CDH5D18T-100N	10	0.124	1.20	100KHz
CDH5D18T-150N	15	0.196	0.97	100KHz
CDH5D18T-220N	22	0.290	0.80	100KHz
CDH5D18T-330N	33	0.386	0.65	100KHz
CDH5D18T-470N	47	0.595	0.54	100KHz
CDH5D18T-560N	56	0.665	0.50	100KHz
CDH5D18T-680N	68	0.840	0.43	100KHz
CDH5D18T-820N	82	0.978	0.41	100KHz
CDH5D18T-101N	100	1.20	0.36	100KHz

CDH5D28T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH5D28T-2R5N	2.5	0.018	2.60	100KHz
CDH5D28T-3R0N	3.0	0.024	2.40	100KHz
CDH5D28T-4R2N	4.2	0.031	2.20	100KHz
CDH5D28T-5R3N	5.3	0.038	1.90	100KHz
CDH5D28T-6R2N	6.2	0.045	1.80	100KHz
CDH5D28T-8R2N	8.2	0.053	1.60	100KHz
CDH5D28T-100N	10	0.065	1.30	100KHz
CDH5D28T-150N	15	0.103	1.10	100KHz
CDH5D28T-220N	22	0.122	0.90	100KHz
CDH5D28T-330N	33	0.189	0.75	100KHz
CDH5D28T-470N	47	0.260	0.62	100KHz
CDH5D28T-560N	56	0.305	0.58	100KHz
CDH5D28T-680N	68	0.355	0.52	100KHz
CDH5D28T-820N	82	0.463	0.46	100KHz
CDH5D28T-101N	100	0.520	0.42	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDH6D26T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH6D26T-2R2_	2.2	0.022(0.0162)	3.20	100KHz
CDH6D26T-3R6_	3.6	0.029(0.0213)	2.50	100KHz
CDH6D26T-5R0_	5.0	0.032(0.0234)	2.20	100KHz
CDH6D26T-6R8_	6.8	0.054(0.0400)	1.80	100KHz
CDH6D26T-8R0_	8.0	0.060(0.0440)	1.60	100KHz
CDH6D26T-100_	10	0.071(0.0528)	1.50	100KHz
CDH6D26T-150_	15	0.106(0.0786)	1.20	100KHz
CDH6D26T-220_	22	0.129(0.0954)	1.00	100KHz
CDH6D26T-330_	33	0.203(0.1502)	0.800	100KHz
CDH6D26T-470_	47	0.300(0.2216)	0.700	100KHz
CDH6D26T-560_	56	0.340(0.2514)	0.650	100KHz
CDH6D26T-680_	68	0.347(0.2570)	0.580	100KHz
CDH6D26T-820_	82	0.490(0.3640)	0.530	100KHz
CDH6D26T-101_	100	0.560(0.4148)	0.500	100KHz

CDH6D28T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH6D28T-3R0N	3.0	0.024	3.00	100KHz
CDH6D28T-5R0N	5.0	0.031	2.40	100KHz
CDH6D28T-7R3N	7.3	0.054	2.10	100KHz
CDH6D28T-8R6N	8.6	0.058	1.85	100KHz
CDH6D28T-100N	10	0.065	1.70	100KHz
CDH6D28T-150N	15	0.084	1.40	100KHz
CDH6D28T-220N	22	0.128	1.20	100KHz
CDH6D28T-390N	39	0.210	0.86	100KHz
CDH6D28T-470N	47	0.238	0.80	100KHz
CDH6D28T-560N	56	0.277	0.73	100KHz
CDH6D28T-680N	68	0.304	0.65	100KHz
CDH6D28T-820N	82	0.390	0.60	100KHz
CDH6D28T-101N	100	0.535	0.54	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDH6D38T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH6D38T-3R3N	3.3	0.020	3.50	100KHz
CDH6D38T-5R0N	5.0	0.024	2.90	100KHz
CDH6D38T-6R2N	6.2	0.027	2.50	100KHz
CDH6D38T-7R4N	7.4	0.031	2.30	100KHz
CDH6D38T-8R7N	8.7	0.034	2.20	100KHz
CDH6D38T-100N	10	0.038	2.00	100KHz
CDH6D38T-150N	15	0.057	1.60	100KHz
CDH6D38T-220N	22	0.096	1.30	100KHz
CDH6D38T-330N	33	0.124	1.10	100KHz
CDH6D38T-470N	47	0.155	0.95	100KHz
CDH6D38T-560N	56	0.202	0.85	100KHz
CDH6D38T-680N	68	0.234	0.75	100KHz
CDH6D38T-820N	82	0.324	0.70	100KHz
CDH6D38T-101N	100	0.358	0.65	100KHz

CDH8D28T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) △L/L=-35%;△t=40℃ 定格电流	TEST FREQUENCY 测试频率
CDH8D28T-2R5N	2.5	0.016	5.40	100KHz
CDH8D28T-3R3N	3.3	0.018	4.80	100KHz
CDH8D28T-4R7N	4.7	0.025	4.00	100KHz
CDH8D28T-7R3N	7.3	0.039	3.20	100KHz
CDH8D28T-100N	10	0.047	2.70	100KHz
CDH8D28T-150N	15	0.069	2.20	100KHz
CDH8D28T-220N	22	0.099	1.80	100KHz
CDH8D28T-330N	33	0.156	1.40	100KHz
CDH8D28T-470N	47	0.195	1.25	100KHz
CDH8D28T-680N	68	0.286	0.96	100KHz
CDH8D28T-101N	100	0.430	0.78	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDH8D38T SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=35%;▲t=40℃ 定格电流	TEST FRE●UENCY 测试频率
CDH8D38T-2R0N	2.0	0.014	6.4	100KHz
CDH8D38T-3R9N	3.9	0.019	5.0	100KHz
CDH8D38T-4R7N	4.7	0.022	4.6	100KHz
CDH8D38T-6R8N	6.8	0.025	4.2	100KHz
CDH8D38T-100N	10	0.036	3.6	100KHz
CDH8D38T-150N	15	0.053	2.6	100KHz
CDH8D38T-220N	22	0.075	2.1	100KHz
CDH8D38T-330N	33	0.125	1.6	100KHz
CDH8D38T-470N	47	0.150	1.4	100KHz
CDH8D38T-680N	68	0.240	1.2	100KHz
CDH8D38T-101N	100	0.360	0.9	100KHz

CDH8D43T SERIES

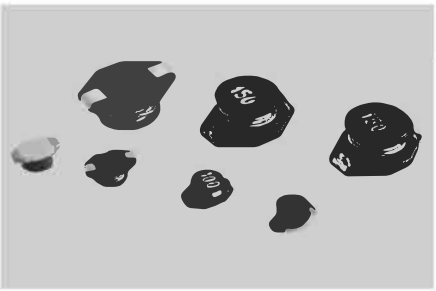
SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR(max) (Ω) 直流电阻	IDC(A)(max) ▲L/L=-35%;▲t=40℃ 定格电流	TEST FRE●UENCY 测试频率
CDH8D43T-2R0N	2.0	0.014	7.0	100KHz
CDH8D43T-3R9N	3.9	0.019	5.9	100KHz
CDH8D43T-4R7N	4.7	0.022	5.6	100KHz
CDH8D43T-6R8N	6.8	0.025	4.4	100KHz
CDH8D43T-100N	10	0.036	4.0	100KHz
CDH8D43T-150N	15	0.053	2.9	100KHz
CDH8D43T-220N	22	0.075	2.6	100KHz
CDH8D43T-330N	33	0.125	2.2	100KHz
CDH8D43T-470N	47	0.150	1.8	100KHz
CDH8D43T-680N	68	0.240	1.5	100KHz
CDH8D43T-101N	100	0.360	1.3	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES

The Surface Mount Inductors are designed for the Smallest possible size and high performance.Theyare with high energy storage and very Low resistance making them the ideal inductors for DC-DC conversion in the following applications.



●特性

表面贴装高功率电感,具有小型化,高品质,
高能量储存和低阻值之特性。

●APPLICATIONS

VGA display card,Notebook Computers, PDAs Step-up and step-down converters, Flash Memory programmers,etc.

●用途

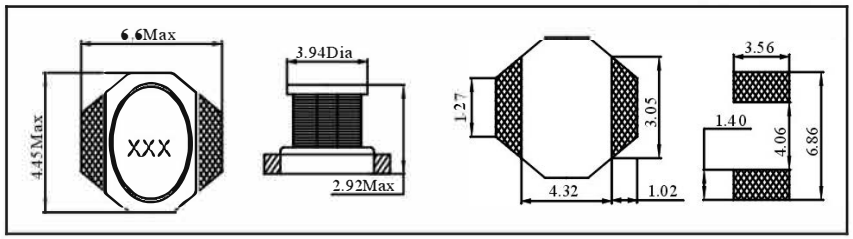
电脑显示板卡,笔记本电脑,后置偏转加速电极,
升降压转换器,脉动记忆程序设计等。

●PART NUMBERING SYSTEM(品名系统)

SD C	1 6 0 8	F -	1 0 0	M -	R - S - L F
1	2	3	4	5	6
SERIESNAME	DIMENSIONS	TYPE	INDUCTANCE	TOLERANCECODE	PACKINGCODE
C=CERAMICBASE(陶瓷基座) P=LCP BASE (LCP基座)		C=WITH-RI(有磁罩) F=WITHOUT RI(无磁罩)		J: ±5%,K: ±10%,L: ±15%, M: ±20%,P: ±25%,N: ±30%	R:Tape&Reel(卷装) S:series(系列) B:In Bulk (散装) Lf:Lead Free(无铅)
品名	尺寸	型式	电感值	公差	包装

●SHAPES AND DIMENSIONS(形状及尺寸)

UNIT: inch/mm



*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SDC1608F SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDC1608F-1R0M	1.0	0.05	130	2.90	2.9
SDC1608F-1R5M	1.5	0.05	115	2.60	2.8
SDC1608F-2R2M	2.2	0.07	90	2.30	2.4
SDC1608F-3R3M	3.3	0.08	70	2.00	2.0
SDC1608F-4R7M	4.7	0.09	50	1.50	1.5
SDC1608F-6R8M	6.8	0.13	45	1.20	1.4
SDC1608F-100M	10.00	0.16	35	1.10	1.2
SDC1608F-150M	15.00	0.23	30	0.90	1.1
SDC1608F-220M	22.00	0.37	20	0.70	0.8
SDC1608F-330M	33.00	0.51	15	0.58	0.6
SDC1608F-470M	47.00	0.64	14	0.50	0.5
SDC1608F-680M	68.00	0.86	11	0.40	0.4
SDC1608F-101M	100.00	1.27	9	0.31	0.3
SDC1608F-151M	150.00	2.00	6	0.27	0.25
SDC1608F-221M	220.00	2.65	5.5	0.22	0.20
SDC1608F-331M	330.00	3.80	5	0.18	0.16
SDC1608F-471M	470.00	5.06	4	0.16	0.15
SDC1608F-681M	680.00	9.20	3	0.14	0.12
SDC1608F-102M	1000.00	13.80	2	0.10	0.07

1. Testd at 100KHz,0.1Vrms.
2. Inductance drop=0% typ.at rated Isat.
3. △T=15℃ rise typ.at Irms.
4. Operating temperature range-40℃ to +85℃
5. Electrical specifications at 25℃.

SDC 1608C SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q(min) 品质因数	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	IDC(A) (max) 定格电流
SDC1608C-1R0N	1.0	30@200HKz	0.040	250	3.00
SDC1608C-1R5N	1.5	30@200HKz	0.045	125	2.80
SDC1608C-2R2N	2.2	40@200KHz	0.050	120	1.80
SDC1608C-3R3N	3.3	40@200KHz	0.055	120	1.60
SDC1608C-4R7N	4.7	40@200KHz	0.060	105	1.40
SDC1608C-6R8N	6.8	40@200KHz	0.065	50	1.20
SDC1608C-100N	10.00	40@200KHz	0.075	38	1.00
SDC1608C-150N	15.00	40@100KHz	0.090	33	0.80
SDC1608C-220N	22.00	40@100KHz	0.11	25	0.70
SDC1608C-330N	33.00	40@100KHz	0.19	20	0.60
SDC1608C-470N	47.00	40@100KHz	0.23	20	0.50
SDC1608C-680N	68.00	40@100KHz	0.29	15	0.40
SDC1608C-101M	100.00	40@100KHz	0.48	10	0.30
SDC1608C-51M	150.00	40@100KHz	0.59	9	0.26
SDC1608C-221M	220.00	40@100KHz	0.77	6	0.22
SDC1608C-331M	330.00	40@100KHz	1.40	5	0.20
SDC1608C-471M	470.00	40@100KHz	1.80	4	0.19
SDC1608C-681M	680.00	40@100KHz	2.20	3	0.18
SDC1608C-102M	1000.00	40@100KHz	3.40	2	0.15
SDC1608C-152M	1500.00	50@100KHz	4.20	2	0.12
SDC1608C-222M	2200.00	50@100KHz	8.50	2	0.10
SDC1608C-332M	3300.00	50@100KHz	11.00	1	0.08
SDC1608C-472M	4700.00	50@100KHz	13.90	1	0.06
SDC1608C-682M	6800.00	50@100KHz	25.00	1	0.04
SDC1608C-103M	10000.00	50@100KHz	32.80	0.8	0.02

1.Inductance tested at 100KHz,0.1Vrms.
2.30℃ temperature rise.
3.Operating temperature range -40℃ to +85℃.
4.Electrical specifications at25℃

SDC 1608DT SERIES

SPECIFICATI●N TABLE:

SPECIFICATIONS				OPEPATING PARAMETERS			
PART NUMBER 品名	●Adc INDUC-TANCE (μH) @100KHz 电感值	DCR(max) (Ω) 直流电阻	SRF(typ.) (MHz) 自谐频率	INDUC-TANCE RATNG (μH) 电感值	CURRENT RATING (A) 定格电流	Max. ENERGY STORAGE (μ Joules) 能量储藏	Max. SWITCHING FREQUENCY 转变频率
SDC1608DT-1R0M	1.0	0.065	180	0.60	2.0	1.8	1MHz
SDC1608DT-1R5M	1.5	0.070	120	0.80	1.9	1.8	1MHz
SDC1608DT-2R2M	2.2	0.075	100	0.90	1.5	1.8	1MHz
SDC1608DT-3R3M	3.3	0.080	70	1.5	1.2	1.4	1MHz
SDC1608DT-4R7M	4.7	0.085	60	2.0	1.2	1.6	1MHz
SDC1608DT-6R8M	6.8	0.090	50	3.0	1.0	1.9	1MHz
SDC1608DT-100M	10	0.125	45	5.0	0.7	1.2	1MHz
SDC1608DT-150M	15	0.135	35	6.0	0.6	1.1	1MHz
SDC1608DT-220M	22	0.160	25	10	0.5	1.2	1MHz
SDC1608DT-330M	33	0.275	20	12	0.45	1.5	1MHz
SDC1608DT-470M	47	0.300	17	20	0.34	1.3	1MHz
SDC1608DT-680M	68	0.575	14	30	0.29	1.4	1MHz
SDC1608DT-101M	100	1.10	12	40	0.24	1.5	1MHz
SDC1608DT-151M	150	1.40	7	60	0.20	1.4	500KMHz
SDC1608DT-221M	220	2.25	7	90	0.17	1.6	500KMHz
SDC1608DT-331M	330	2.90	6	100	0.16	1.4	500KMHz
SDC1608DT-471M	470	3.60	4	150	0.14	1.5	500KMHz
SDC1608DT-681M	680	4.55	3.5	200	0.12	1.4	500KMHz
SDC1608DT-102M	1000	8.10	2.5	400	0.08	1.4	500KMHz

1.Measured at the rated current. Refer to curves below for more detail.
2.Average maximum allowable current.
DT Series inductors are designed for current spikes as high as 2xthe current rating.
3.Operating temperature range -40℃to +85℃.
4.Electrical specifications at 25℃

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SDP1813F SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP1813F-R18M	0.18	0.003	800	14.0	10.0
SDP1813F-R33M	0.33	0.004	600	10.0	7.0
SDP1813F-R56M	0.56	0.010	200	7.7	6.0
SDP1813F-1R2M	1.2	0.017	140	5.3	4.4
SDP1813F-2R2M	2.2	0.035	100	3.5	3.1
SDP1813F-3R3M	3.3	0.040	80	3.0	2.7
SDP1813F-4R7M	4.7	0.054	50	2.6	2.2
SDP1813F-6R8M	6.8	0.080	45	2.2	1.8
SDP1813F-100M	10	0.111	40	1.9	1.5
SDP1813F-220M	22	0.250	25	1.2	1.0
SDP1813F-330M	33	0.350	20	0.99	0.82
SDP1813F-470M	47	0.470	15	0.87	0.72
SDP1813F-680M	68	0.730	10	0.67	0.56
SDP1813F-101M	100	1.110	8	0.53	0.47

SDP3308F SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP3308F-100M	10	0.11	35	2.4	2.0
SDP3308F-150M	15	0.15	33	2.0	1.5
SDP3308F-220M	22	0.23	25	1.6	1.3
SDP3308F-330M	33	0.30	19	1.4	1.1
SDP3308F-470M	47	0.39	14	1.0	0.8
SDP3308F-680M	68	0.66	12	0.9	0.7
SDP3308F-101M	100	0.84	10	0.7	0.6
SDP3308F-151M	150	1.2	8	0.6	0.5
SDP3308F-221M	220	1.9	6	0.5	0.4
SDP3308F-331M	330	2.7	5	0.4	0.3
SDP3308F-471M	470	4.0	4	0.3	0.2
SDP3308F-681M	680	5.3	3	0.2	0.1
SDP3308F-102M	1000	8.4	2.5	0.1	0.05

1.Inductance tested at 100KHz,0.1Vrms.
2.Inductance drop=10% typ. at rated Isat.
3.△T=30℃ rise typ.at Irms.
4.Operating temperature range-40℃ to +85℃
5.Electrical specifications at 25℃.

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SDP3316F SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	SRF（typ.）(MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP3316F-1R0M	1.00	0.009	100	9.0	6.8
SDP3316F-1R5M	1.50	0.010	90	8.0	6.4
SDP3316F-2R2M	2.20	0.012	80	7.0	6.1
SDP3316F-3R3M	3.30	0.015	65	6.4	5.4
SDP3316F-4R7M	4.70	0.018	45	5.4	4.8
SDP3316F-6R8M	6.80	0.027	38	4.6	4.4
SDP3316F-100M	10.00	0.038	30	3.8	3.9
SDP3316F-150M	15.00	0.046	27	3.0	3.1
SDP3316F-220M	22.00	0.085	19	2.6	2.7
SDP3316F-330M	33.00	0.10	15	2.0	2.1
SDP3316F-470M	47.00	0.14	12	1.6	1.8
SDP3316F-680M	68.00	0.20	10	1.4	1.5
SDP3316F-101M	100.00	0.28	9	1.2	1.3
SDP3316F-151M	150.00	0.40	6	1.0	1.0
SDP3316F-221M	220.00	0.61	5	0.8	0.8
SDP3316F-331M	330.00	1.02	4.5	0.6	0.6
SDP3316F-471M	470.00	1.27	3.5	0.5	0.5
SDP3316F-681M	680.00	2.02	2.5	0.4	0.4
SDP3316F-102M	1000.00	3.00	2.0	0.3	0.3

1.Inductance tested at 100KHz,0.1Vrms.
2.SRF > 13MHz measured using Agilent/HP8753D network analyzer;
< 13MHz using Agilent/HP4192A.
3.Inductance drop=10%typ.dt rated Isat.
4.△T=40℃ rise typ .at Irms.
5.Operating temperature range –40℃ to +85℃.
6.Electrical specifications at 25℃

SDP3316C SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUC-TANCE (μH) 电感值	DCR（max）（Ω）直流电阻	SRF（typ.）(MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP3316C-1R0M	1.00	0.021	140	5.60	5.0
SDP3316C-1R5M	1.50	0.022	120	5.20	4.5
SDP3316C-2R2M	2.20	0.032	80	5.00	3.8
SDP3316C-3R3M	3.30	0.039	70	3.90	3.3
SDP3316C-4R7M	4.70	0.054	40	3.20	2.7
SDP3316C-6R8M	6.80	0.075	38	2.80	2.2
SDP3316C-100M	10.00	0.101	35	2.40	2.0
SDP3316C-150M	15.00	0.150	25	2.00	1.5
SDP3316C-220M	22.00	0.207	19	1.60	1.3
SDP3316C-330M	33.00	0.334	15	1.40	1.1
SDP3316C-470M	47.00	0.472	13	1.00	0.8
SDP3316C-680M	68.00	0.660	10	0.9	0.7
SDP3316C-101M	100.0	1.110	7	0.8	0.6
SDP3316C-151M	150.0	1.550	6	0.6	0.5
SDP3316C-221M	220.0	2.000	5	0.5	0.37
SDP3316C-102M	1000	8.300	2	0.32	0.17

1. Inductance tested at 100KHz,0.1Vrms.
2. Inductance drop=10% typ. at Isat.
3. 30℃ rise typ.at Irms.
4. Operating temperature range–40℃ to +85℃
5. Electrical specifications at 25℃.

SDP3316DT SERIES

SPECIFICATI●N TABLE:

SPECIFICATIONS				OPEPATING PARAMETERS			
PART NUMBER 品名	●Adc INDUC-TANCE (μH) @100KHz 电感值	DCR(max) (Ω) 直流电阻	SRF(typ.) (MHz) 自谐频率	INDUC-TANCE RATNG (μH) 电感值	CURRENT RATING (A) 定格电流	Max. ENERGY STORAGE (μ Joules) 能量储藏	Max. SWITCHING FREQUENCY 转变频率
SDP3316DT-1R0M	1.0	0.025	60	0.50	5.0	9	1MHz
SDP3316DT-1R5M	1.5	0.030	55	0.70	5.0	12	1MHz
SDP3316DT-2R2M	2.2	0.035	55	1.0	5.0	15	1MHz
SDP3316DT-3R3M	3.3	0.040	50	1.5	5.0	16	1MHz
SDP3316DT-4R7M	4.7	0.045	45	2.0	3.0	10	1MHz
SDP3316DT-6R8M	6.8	0.050	40	4.0	2.5	14	1MHz
SDP3316DT-100M	10	0.055	35	5.0	2.0	11	1MHz
SDP3316DT-150M	15	0.060	25	6.0	1.8	12	1MHz
SDP3316DT-220M	22	0.084	22	10	1.5	11	1MHz
SDP3316DT-330M	33	0.090	18	12	1.3	13	1MHz
SDP3316DT-470M	47	0.11	16	27	1.0	13	1MHz
SDP3316DT-680M	68	0.15	12	40	0.90	17	1MHz
SDP3316DT-101M	100	0.29	9	50	0.80	15	1MHz
SDP3316DT-151M	150	0.36	8	80	0.60	15	500KHz
SDP3316DT-221M	220	0.39	6	90	0.50	10	500KHz
SDP3316DT-331M	330	0.73	5	150	0.40	13	500KHz
SDP3316DT-471M	470	0.88	4	200	0.35	13	500KHz
SDP3316DT-681M	680	1.15	3	300	0.30	13	500KHz
SDP3316DT-102M	1000	1.45	2.5	420	0.25	13	500KHz

1.Measured at the rated current. Refer to curves below for more detail.

2.Average maximum allowable current.

DT Series inductors are designed for current spikes as high as 2xthe current rating.

3.Operating temperature range-40℃ to +85℃.

4.Electrcial specifications at 25℃

SDP3340F SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP3340F-100M	10.00	0.040	22	8.00	3.5
SDP3340F-150M	15.00	0.050	18	7.00	3.0
SDP3340F-220M	22.00	0.066	11	5.50	2.5
SDP3340F-330M	33.00	0.080	9	4.00	2.0
SDP3340F-470M	47.00	0.110	8	3.80	1.6
SDP3340F-680M	68.00	0.170	7	3.00	1.2
SDP3340F-101M	100.00	0.220	5	2.50	1.2
SDP3340F-151M	150.00	0.340	4	2.00	0.9
SDP3340F-221M	220.00	0.440	3.5	1.60	0.7
SDP3340F-331M	330.00	0.700	2.5	1.20	0.6
SDP3340F-471M	470.00	0.950	2.0	1.00	0.3
SDP3340F-681M	680.00	1.200	2.0	1.00	0.2
SDP3340F-102M	1000 00	2 000	1 5	0.80	0.1

1. Inductance tested at 100KHz,0.1Vrms.

2. Inductance drop=10% typ. at Isat.

3. △T=20℃typ.at Irms.

4. Operating temperature range-40℃ to +85℃

5. Electrical specifications at 25℃.

SDP5022F SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP5022F-1R0M	1.00	0.009	80	20.0	8.6
SDP5022F-2R2M	2.20	0.014	80	16.0	7.1
SDP5022F-3R3M	3.30	0.018	60	14.0	6.2
SDP5022F-5R6M	5.60	0.020	40	12.0	5.3
SDP5022F-100M	10.00	0.031	30	10.0	4.3
SDP5022F-150M	15.00	0.036	22	8.0	4.0
SDP5022F-220M	22.00	0.047	20	7.0	3.5
SDP5022F-330M	33.00	0.066	15	5.5	3.0
SDP5022F-470M	47.00	0.086	9	4.5	2.6
SDP5022F-680M	68.00	0.13	8	3.5	2.3
SDP 5022F-101M	100.00	0.19	7	3.0	1.8
SDP5022F-151M	150.00	0.25	6	2.6	1.5
SDP5022F-221M	220.00	0.38	5	2.4	1.2
SDP5022F-331M	330.00	0.56	4	1.9	1.0
SDP5022F-471M	470.00	0.85	3	1.4	0.82
SDP5022F-681M	680.00	1.10	2.5	1.2	0.72
SDP5022F-102M	1000.00	1.80	2.0	1.0	0.56

1. Inductance tested at 100KHz,0.1Vrms.
2. SRF > 13MHz measured using Agilent/HP8753D network analyzer;
   < 13MHz using Agilent/HP4192A.
3. Inductance drop=10%typ.dt rated Isat.
4. △T=40℃ rise typ .at Irms.
5. Operating temperature range –40℃ to +85℃.
6. Electrical specifications at 25℃

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

SDP5022C SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	SRF (typ.) (MHz) 自谐频率	Isat (A) 定格电流	Irms (Arms) 定格电流
SDP5022C-100M	10.0	0.040	30	8.00	3.9
SDP5022C-150M	15.0	0.048	20	7.00	3.4
SDP5022C-220M	22.0	0.059	18	6.00	3.1
SDP5022C-330M	33.0	0.075	14	5.00	2.8
SDP5022C-470M	47.0	0.097	10	4.00	2.4
SDP5022C-680M	68.0	0.138	9	3.00	2.0
SDP5022C-101M	100.0	0.207	7	2.40	1.7
SDP5022C-151M	150.0	0.293	6	2.10	1.3
SDP5022C-221M	220.0	0.47	5	1.90	1.1
SDP5022C-331M	330.0	0.78	4	1.10	0.86
SDP5022C-471M	470.0	1.08	3	1.10	0.73
SDP5022C-681M	680.0	1.40	2.5	0.96	0.64
SDP5022C-102M	1000.0	2.01	2.0	0.80	0.53

1. Inductance tested at 100KHz,0.1Vrms.
2. Inductance drop=10% typ. at Isat.
3. △T=20℃typ.at Irms.
4. Operating temperature range–40℃ to +85℃
5. Electrical specifications at 25℃.

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

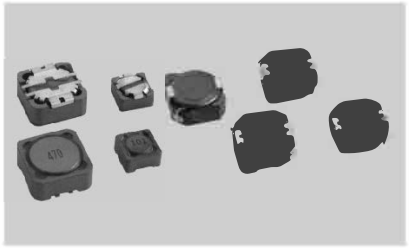
●FEATURES

Low voltage power supply is prosperous accordingly power saving.

Four terminals choke coil available for DC-DC converter of less than 3.3V input voput voyage.

●APPLICATION

Notebook size personal computer.
(MPU driving power supply).
Logic IC power supply.
P.D.A

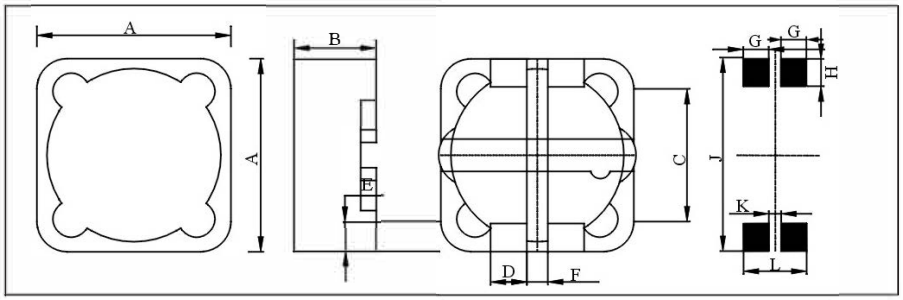


●PART NUMBERING SYSTEM (品名系统)

CDRH [1][2][7][T] [ ][ ] [2][2] [N] - [R] - [S] - [L][F]

1	2	3	4	5	6
SERIESNAME	DIMENSIONS	L1INDUCTANCETURN	RATI	TOLERANCECODE	PACKINGCODE
			1:2.2	J: ±5%,K: ± 10%,L: ± 15%, M: ±20%,P: ± 25%,N: ± 30%	R:Tape&Reel(卷装) S:series(系列) B:In Bulk(散装) Lf:Lead Free(无铅)
品名	尺寸	L1电感值	匝比	公差	包装

●SHAPES AND DIMENSIONS(外形及尺寸)



UNIT:mm

TYPE (型式)	A	B (max)	C	D	E	F	G	H	I	J	K	L
CDRH124	12.2±0.3	4.5	7.6±0.3	2.0±0.2	2.0±0.2	1.0±0.2	2.4±0.2	2.9±0.2	7.0±0.2	12.8±0.2	0.5±0.1	5.4±0.2
CDRH125	12.2±0.3	6.0	7.6±0.3	2.0±0.2	2.0±0.2	1.0±0.2	2.4±0.2	2.9±0.2	7.0±0.2	12.8±0.2	0.5±0.2	5.4±0.2
CDRH127	12.2±0.3	8.0	7.6±0.3	2.0±0.2	2.0±0.2	1.0±0.2	2.4±0.2	2.9±0.2	7.0±0.2	12.8±0.2	0.5±0.2	5.4±0.2

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDRH124T SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	L(at 1KHz,1v) (μH)		DCR(max) (mΩ)		TURN RATIO (L1:L2)	RATED CURRENT (A)
	L1	L2	L1	L2		
CDRH124-1022N	10	45	38	590	1:2.2	4.0
CDRH124-1024N	10	47	39	600	1:2.4	4.0

CDRH125T SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	L(at 1KHz,1v) (μH)		DCR(max) (mΩ)		TURN RATIO (L1:L2)	RATED CURRENT (A)
	L1	L2	L1	L2		
CDRH125T-5622N	5.6	25.5	20	220	1:2.2	5.3
CDRH125T-8220N	8.2	32	22	260	1:2.0	4.7
CDRH125T-1014N	10	21	27	182	1:1.4	4.3
CDRH125T-1022N	10	45	27	300	1:2.2	4.3
CDRH125T-1220N	12	45	30	300	1:2.0	4.0

CDRH127T SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	L(at 1KHz,1v) (μH)		DCR(max) (mΩ)		TURN RATIO (L1:L2)	RATED CURRENT (A)
	L1	L2	L1	L2		
CDRH127-7622N	7.6	38	22	300	1:2.2	7.0
CDRH127-1022N	10	45	30	200	1:2.2	4.5
CDRH127-1042N	10	178	30	650	1:4.2	4.5

◆The rated current indicates the value of current when the L1 inductance is 25% lower than its initial value at D.C superposition or D.C current when △t=45℃ whichever is lower.

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES

Various high power inductors are superior to be high saturation for surface mounting.

●特性

具有高功率,强力饱和电流、低阻抗、小型化之特性。

●APPLICATIONS

Power supply for VTR,OA equipment Digital camera,LCD television set notebook PC ,portable communication equipments,DC/DC converters,etc.

●用途

录影机,OA仪器,数码相机,液晶电视,笔记型电脑,小型通信机器,DC/DC变压器之电源供应器等。

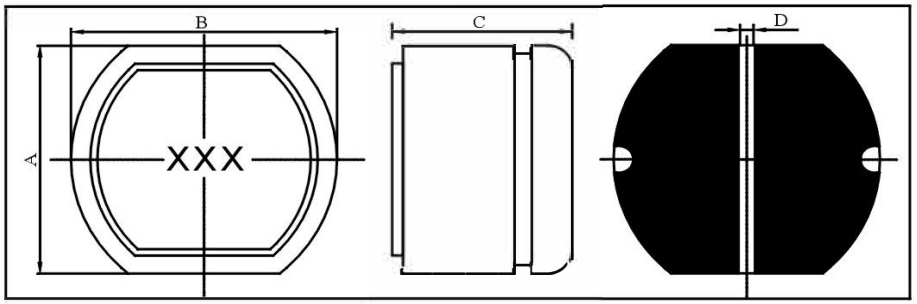
●PART NUMBERING SYSTEM(品名系统)

CDF (1) 1 0 5 (2) 1 0 0 (3) K (4) - R (5) - S - L F

1	2	3	4	5
SERIESNAME	DIMENSIONS	INDUCTANCE	TOLERANCE CODE	PACKING CODE
品名	尺寸	电感值	公差	包装

J: ± 5%,K: ± 10%,L: ± 15%, R:Tape&Reel(卷装) S:series(系列)
M: ±20%,P: ± 25%,N: ± 30% B:In Bulk (散装) Lf:Lead Free(无铅)

●SHAPES AND DIMENSIONS(形状及尺寸)



UNIT: mm

TYPE(型式)	A	B	C	D(Ref)
CDF63	5.6±0.5	6.2±0.5	3.2±0.5	1.7
CDF74	7.0±0.5	7.8±0.5	4.5±0.5	2.0
CDF105	9.0±0.5	10.0±0.5	5.0±0.5	2.5

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDF63 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CDF63-100M	10	0.14	1.00	1KHz
CDF63-120M	12	0.16	0.94	1KHz
CDF63-150M	15	0.18	0.86	1KHz
CDF63-180M	18	0.25	0.78	1KHz
CDF63-220M	22	0.32	0.76	1KHz
CDF63-270M	27	0.36	0.64	1KHz
CDF63-330L	33	0.41	0.61	1KHz
CDF63-390L	39	0.47	0.53	1KHz
CDF63-470L	47	0.51	0.50	1KHz
CDF63-560L	56	0.72	0.46	1KHz
CDF63-680L	68	0.82	0.42	1KHz

CDF74 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR (max) (Ω) 直流电阻	IDC(A)(max) ΔL/L=10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CDF74-100M	10	0.07	1.65	1KHz
CDF74-120M	12	0.07	1.57	1KHz
CDF74-150M	15	0.08	1.39	1KHz
CDF74-180M	18	0.10	1.29	1KHz
CDF74-220M	22	0.13	1.12	1KHz
CDF74-270M	27	0.16	1.06	1KHz
CDF74-330L	33	0.18	0.97	1KHz
CDF74-390L	39	0.18	0.91	1KHz
CDF74-470L	47	0.27	0.80	1KHz
CDF74-560L	56	0.29	0.76	1KHz
CDF74-680L	68	0.33	0.68	1KHz
CDF74-820L	82	0.43	0.62	1KHz
CDF74-101K	100	0.49	0.55	1KHz
CDF74-121K	120	0.68	0.49	1KHz
CDF74-151K	150	0.94	0.44	1KHz
CDF74-181K	180	1.00	0.40	1KHz
CDF74-221K	220	1.18	0.36	1KHz
CDF74-271K	270	1.30	0.33	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CDF105 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) △L/L=-10%;△t=40℃ 定格电流	TEST FREQ. 测试频率
CDF105-100M	10	0.06	2.06	1KHz
CDF105-120M	12	0.07	1.94	1KHz
CDF105-150M	15	0.07	1.72	1KHz
CDF105-180M	18	0.08	1.58	1KHz
CDF105-220M	22	0.08	1.42	1KHz
CDF105-270M	27	0.10	1.32	1KHz
CDF105-330L	33	0.11	1.16	1KHz
CDF105-390L	39	0.12	1.10	1KHz
CDF105-470L	47	0.14	1.00	1KHz
CDF105-560L	56	0.19	0.93	1KHz
CDF105-680L	68	0.21	0.85	1KHz
CDF105-820L	82	0.28	0.79	1KHz
CDF105-101K	100	0.34	0.72	1KHz
CDF105-121K	120	0.37	0.63	1KHz
CDF105-151K	150	0.51	0.55	1KHz
CDF105-181K	180	0.57	0.50	1KHz
CDF105-221K	220	0.78	0.47	1KHz
CDF105-271K	270	0.87	0.41	1KHz
CDF105-331K	330	1.20	0.37	1KHz
CDF105-391K	390	1.34	0.35	1KHz
CDF105-471K	470	1.50	0.33	1KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES

Various high power inductors are superior to be high saturation for surface mounting.

●特性

具有高功率,强力饱和电流、低阻抗、小型化之特性。

●APPLICATIONS

Power supply for VTR,OA equipment Digital camera,LCD television set notebook PC ,portable communication equipments,DC/DC converters,etc.

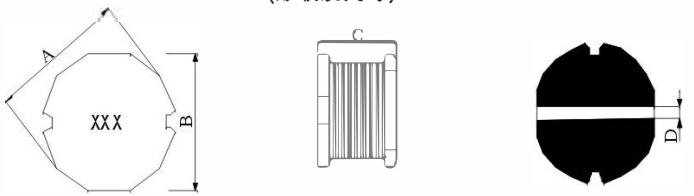
●用途

录影机,OA仪器,数码相机,液晶电视,笔记型电脑,小型通信机器,DC/DC变压器之电源供应器等。

●PART NUMBERING SYSTEM(品名系统)

CD	1 0 5	1 0 0	K	-	R	-	S	-	L F
1	2	3	4		5				
SERIESNAME	DIMENSIONS	INDUCTANCE	TOLERANCE CODE		PACKING CODE				
			J:±5%,K:±10%,L:±15%, R:Tape&Reel(卷装) S:series(系列) M:±20%,P:±25%,N:±30% B:In Bulk(散装) Lf:Lead Free(无铅)						
品名	尺寸	电感值	公差		包装				

●SHAPES AND DIMENSIONS(形状及尺寸)



UNIT:mm

TYPE(型式)	A	B	C	D(Ref)
CD31	3.5±0.3	3.0±0.3	1.15±0.3	1.0
CD32	3.5±0.3	3.0±0.3	2..1±0.3	1.0
CD42	4.5±0.3	4.0±0.3	2.1±0.3	1.4
CD43	4.5±0.3	4.0±0.3	3.2±0.3	1.4
CD52	5.8±0.3	5.2±0.3	2.1±0.3	1.3
CD53	5.8±0.3	5.2±0.3	3.2±0.3	2.0
CD54	5.8±0.3	5.2±0.3	4.5±0.3	1.6
CD73	7.8±0.3	7.0±0.3	3.5±0.4	3.0
CD75	7.8±0.3	7.0±0.3	5.0±0.4	3.0
CD104	10.0±0.3	9.0±0.3	4.0±0.5	3.0
CD105	10.0±0.3	9.0±0.3	5.4±0.5	3.0
CD106	10.0±0.3	9.0±0.3	6.6±0.5	3.0

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CD31 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CD31-R33N	0.33	0.65	0.45	100KHz
CD31-R68N	0.68	0.93	0.19	100KHz
CD31-100K	10	1.15	0.18	100KHz
CD31-150K	15	1.32	0.172	100KHz
CD31-220K	22	1.55	0.162	100KHz
CD31-330K	33	1.7	0.15	100KHz
CD31-560K	56	1.82	0.145	100KHz
CD31-820K	82	1.92	0.14	100KHz
CD31-221K	220	2.1	0.136	100KHz
CD31-391K	390	2.45	0.13	100KHz

CD32 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CD32-100K	10	0.23	0.760	100KHz
CD32-150K	15	0.31	0.635	100KHz
CD32-220K	22	0.47	0.500	100KHz
CD32-330K	33	0.76	0.380	100KHz
CD32-470K	47	0.97	0.330	100KHz
CD32-680K	68	1.45	0.275	100KHz
CD32-101K	100	2.20	0.220	100KHz
CD32-151K	150	3.40	0.170	100KHz
CD32-221K	220	4.50	0.155	100KHz
CD32-391K	390	7.80	0.115	100KHz

CD42 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CD42-1R0□-R-S	1	30	2.5	100K/0.25V
CD42-2R2□-R-S	2.2	60	1.8	100K/0.25V
CD42-4R7□-R-S	4.7	106	1.2	100K/0.25V
CD42-100□-R-S	10	195	0.80	100K/0.25V
CD42-220□-R-S	22	486	0.60	100K/0.25V
CD42-390□-R-S	39	700	0.50	100K/0.25V
CD42-151□-R-S	150	2530	0.24	100K/0.25V
CD42-391□-R-S	390	6820	0.18	100K/0.25V
CD42-471□-R-S	470	7780	0.15	100K/0.25V

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CD43 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CD43-1R0M	1.0	0.033	3.80	100KHz
CD43-2R2M	2.2	0.047	2.60	100KHz
CD43-3R3M	3.3	0.058	2.15	100KHz
CD43-4R7M	4.7	0.094	1.70	100KHz
CD43-6R8M	6.8	0.117	1.40	100KHz
CD43-100M	10	0.182	1.15	100KHz
CD43-180M	18	0.338	0.84	100KHz
CD43-270M	27	0.522	0.71	100KHz
CD43-390M	39	0.587	0.59	100KHz
CD43-560M	56	0.937	0.50	100KHz
CD43-820M	82	1.20	0.48	100KHz
CD43-121M	120	1.04	0.30	100KHz
CD43-172K	1700	16.0	0.04	100KHz

CD52 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ΔL/L=-10%;Δt=40℃ 定格电流	TEST FREQ. 测试频率
CD52-2R2M	2.2	0.039	2.16	100KHz
CD52-3R3M	3.3	0.049	1.90	100KHz
CD52-4R7M	4.7	0.062	1.60	100KHz
CD52-6R8M	6.8	0.091	1.36	100KHz
CD52-100K	10	0.133	1.04	100KHz
CD52-150K	15	0.166	0.88	100KHz
CD52-220K	22	0.248	0.73	100KHz
CD52-330K	33	0.378	0.58	100KHz
CD52-470K	47	0.546	0.49	100KHz
CD52-680K	68	0.715	0.41	100KHz
CD52-101K	100	1.07	0.35	100KHz
CD52-151K	150	1.66	0.26	100KHz
CD52-221K	220	2.44	0.21	100KHz
CD52-271K	270	2.73	0.19	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CD53 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) △L/L=-10%;△t=40℃ 定格电流	TEST FREQ. 测试频率
CD53-1R0M	1.0	0.03	4.50	100KHz
CD53-2R2M	2.2	0.03	3.50	100KHz
CD53-3R3M	3.3	0.05	2.80	100KHz
CD53-4R7M	4.7	0.07	2.50	100KHz
CD53-6R8M	6.8	0.09	2.20	100KHz
CD53-100K	10	0.12	1.80	100KHz
CD53-180K	18	0.18	1.60	100KHz
CD53-270K	27	0.24	1.40	100KHz
CD53-390K	39	0.40	1.00	100KHz
CD53-560K	56	0.50	0.85	100KHz
CD53-820K	82	0.80	0.65	100KHz
CD53-121K	120	1.00	0.58	100KHz
CD53-221K	220	2.00	0.38	100KHz
CD53-331K	330	3.20	0.28	100KHz
CD53-471K	470	4.20	0.20	100KHz
CD53-681K	680	6.00	0.15	100KHz
CD53-102K	1000	8.00	0.13	100KHz

CD54 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) △L/L=-10%;△t=40℃ 定格电流	TEST FREQ. 测试频率
CD54-1R0M	1.0	0.015	5.90	100KHz
CD54-2R2M	2.2	0.035	3.80	100KHz
CD54-3R9M	3.9	0.050	2.90	100KHz
CD54-5R6M	6.8	0.070	2.40	100KHz
CD54-8R2M	8.2	0.090	2.00	100KHz
CD54-150M	15	0.140	1.30	100KHz
CD54-270M	27	0.200	0.97	100KHz
CD54-470M	47	0.370	0.72	100KHz
CD54-820K	82	0.460	0.58	100KHz
CD54-151K	150	1.100	0.40	100KHz
CD54-271K	270	1.650	0.32	100KHz
CD54-471K	470	2.300	0.23	100KHz
CD54-681K	680	3.000	0.20	100KHz
CD54-102K	1000	4.800	0.14	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CD73 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ▲L/L=-10%;▲t=40℃ 定格电流	TEST FREQ. 测试频率
CD73-100M	10	0.080	1.44	100KHz
CD73-150M	15	0.100	1.24	100KHz
CD73-220M	22	0.130	1.07	100KHz
CD73-330L	33	0.170	0.85	100KHz
CD73-470L	47	0.250	0.68	100KHz
CD73-560K	56	0.280	0.64	100KHz
CD73-680K	68	0.330	0.59	100KHz
CD73-820K	82	0.410	0.54	100KHz
CD73-121K	120	0.540	0.49	100KHz
CD73-181K	180	1.020	0.36	100KHz
CD73-221K	220	1.200	0.31	100KHz
CD73-331K	330	1.500	0.28	100KHz

CD75 SERIES
SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ▲L/L=-10%;▲t=40℃ 定格电流	TEST FREQ. 测试频率
CD75-100M	10	0.070	2.30	100KHz
CD75-150M	15	0.090	1.80	100KHz
CD75-220M	22	0.110	1.50	100KHz
CD75-330L	33	0.130	1.20	100KHz
CD75-470L	47	0.180	1.10	100KHz
CD75-560K	56	0.240	0.94	100KHz
CD75-680K	68	0.280	0.85	100KHz
CD75-820K	82	0.370	0.78	100KHz
CD75-121K	120	0.470	0.66	100KHz
CD75-181K	180	0.710	0.51	100KHz
CD75-221K	220	0.960	0.49	100KHz
CD75-331K	330	1.260	0.40	100KHz
CD75-471K	470	1.960	0.34	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

CD104 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) △L/L=-10%;▲t=40℃ 定格电流	TEST FREQ. 测试频率
CD104-100M	10	0.053	2.38	100KHz
CD104-150M	15	0.070	1.87	100KHz
CD104-220M	22	0.088	1.60	100KHz
CD104-330L	33	0.120	1.26	100KHz
CD104-470L	47	0.170	1.10	100KHz
CD104-560K	56	0.199	1.01	100KHz
CD104-680K	68	0.223	0.91	100KHz
CD104-820K	82	0.252	0.85	100KHz
CD104-101K	100	0.344	0.74	100KHz
CD104-151K	150	0.544	0.61	100KHz
CD104-221K	220	0.721	0.53	100KHz
CD104-331K	330	1.100	0.42	100KHz
CD104-471K	470	1.526	0.35	100KHz
CD104-561K	560	1.904	0.32	100KHz

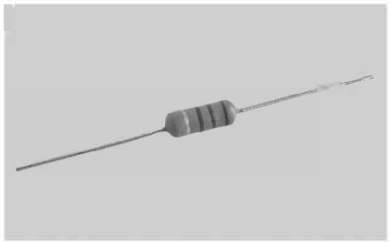
CD105 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	DCR（max）（Ω）直流电阻	IDC(A)(max) ▲L/L=-10%;▲t=40℃ 定格电流	TEST FREQ. 测试频率
CD105-100M	10	0.060	2.60	100KHz
CD105-150M	15	0.080	2.27	100KHz
CD105-220M	22	0.100	1.95	100KHz
CD105-330L	33	0.120	1.50	100KHz
CD105-470L	47	0.170	1.28	100KHz
CD105-560K	56	0.190	1.17	100KHz
CD105-680K	68	0.220	1.11	100KHz
CD105-820K	82	0.250	1.00	100KHz
CD105-101K	100	0.350	0.97	100KHz
CD105-151K	150	0.470	0.78	100KHz
CD105-221K	220	0.730	0.66	100KHz
CD105-331K	330	1.150	0.52	100KHz
CD105-471K	470	1.480	0.42	100KHz
CD105-561K	560	1.900	0.33	100KHz
CD105-681K	680	2.250	0.28	100KHz
CD105-821K	820	2.550	0.24	100KHz

*所有产品的尺寸、电气性能均可按客户要求进行研发设计

●FEATURES
Low cost solution.
Exceptional Q characteristics，high reliability.
High Self-resonant frequency,Low,DCR.



●APPLICATIONS
Choke coils
RF.coils
Peaking coils

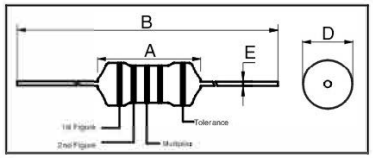
●PART NUMBRING SYSTEM（品名系统）

EC	0 3 0 7	1 0 1	K	-	T B	-	S	-	L F
1	2	3	4		5				
SERIES	DIMENSIONS	INDUCTANCE	TOLERANCE CODE		LEADS				
NAME	CORE		J: ±5%,K: ±10%,L: ±15%. R:Tape&Reel(卷装) S:series(系列) M: ±20%,P: ±25%,N: ±30% B:In Bulk(散装) Lf:Lead Free(无铅)						
品名	尺寸	电感值	公差		包装				

●COLOR CODE(色码)

COLOR 颜色	NOMINAL INDUCTANCE(H) 电感值 FIRST FIGURE 第一环	SECOND FIGURE 第二环	MULTIPLIER（倍率	TOLERANCE 允许偏差
Black 黑	0		1	±20%
Brown 棕	1		10	—
Red 红	2		100	—
Orange 橙	3		1000	—
Yellow 黄	4		—	—
Green 绿	5		—	—
Blue 蓝	6		—	—
Violet 紫	7		—	—
Grey 灰	8		—	—
White 白	9		—	—
Gold 金	—		0.1	±5%
Silver 银	—		0.01	±10%

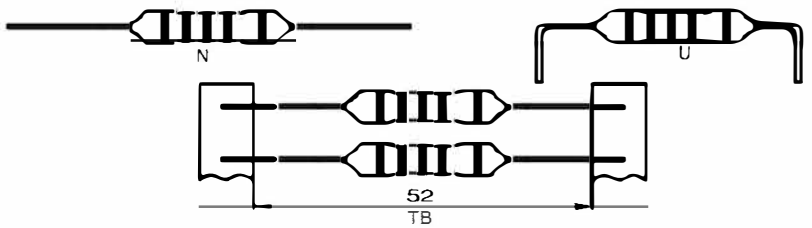
●DIMENSIONS(尺寸)



UNIT:mm

TART NUMBER 品名	A（max）本体长度	B 总长度	D（nax）本体直径	E 线径
EC0307	7.00	64±1	3.00	0.5±0.05
EC0410	10.50	64±1	4.00	0.6±0.05
EC0510	12.00	64±1	5.00	0.6±0.05
EC0512	12.00	64±1	5.5	0.6±0.05

●LEADS CONFIGURATION（结构）



*所有产品的尺寸、电气性能均可按客户要求进行研发设计

EC0307 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	TEST FREQUENCY (MHz) 测试频率	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	Rated DC current (mA)max. 额定电流
EC0307-R10M	0.10 ±20%	30	25.2	280	0.085	700
EC0307-R12M	0.12 ±20%	30	25.2	280	0.085	700
EC0307-R15M	0.15±20%	30	25.2	280	0.095	700
EC0307-R18M	0.18±20%	30	25.2	280	0.12	700
EC0307-R22M	0.22±20%	40	25.2	280	0.15	700
EC0307-R27M	0.27±20%	40	25.2	260	0.15	700
EC0307-R33M	0.33±20%	40	25.2	250	0.15	700
EC0307-R39M	0.39±20%	40	25.2	220	0.17	700
EC0307-R47M	0.47±20%	40	25.2	200	0.17	700
EC0307-R56M	0.56±20%	40	25.2	180	0.17	700
EC0307- R68M	0.68±20%	40	25.2	160	0.18	700
EC0307-R82M	0.82±20%	40	25.2	140	0.18	700
EC0307-1R0K	1.00±10%	40	25.2	135	0.18	700
EC0307-1R2K	1.20±10%	40	7.96	135	0.18	700
EC0307-1R5K	1.50±10%	40	7.96	130	0.20	700
EC0307-1R8K	1.80±10%	40	7.96	125	0.23	655
EC0307-2R2K	2.20±10%	40	7.96	80	0.25	630
EC0307-2R7K	2.70±10%	40	7.96	80	0.28	595
EC0307-3R3K	3.3±10%	40	7.96	70	0.30	575
EC0307-3R9K	3.9±10%	40	7.96	65	0.32	555
EC0307-4R7K	4.7±10%	40	7.96	45	0.35	530
EC0307-5R6K	5.6±10%	40	7.96	49	0.40	500
EC0307-6R8K	6.8±10%	40	7.96	30	0.45	470
EC0307-8R2K	8.2±10%	40	7.96	28	0.56	425
EC0307-100K	10±10%	40	7.96	22	0.72	370
EC0307- 120K	12±10%	40	2.52	20	0.80	350
EC0307- 150K	15±10%	40	2.52	16	0.88	335
EC0307- 180K	18±10%	40	2.52	15	1.00	315
EC0307- 220K	22±10%	40	2.52	13	1.20	285
EC0307- 270K	27±10%	40	2.52	11	1.35	270
EC0307- 330K	33±10%	40	2.52	10	1.50	255
EC0307- 390K	39±10%	40	2.52	9.5	1.70	240
EC0307- 470K	47±10%	50	2.52	8.5	2.30	205
EC0307- 560K	56±10%	50	2.52	7.5	2.60	195
EC0307- 680K	68±10%	50	2.52	6.5	2.90	185
EC0307- 820K	82±10%	50	2.52	6.0	3.20	175
EC0307- 101K	100±10%	50	2.52	5.5	3.50	165
EC0307- 121K	120±10%	60	0.796	5.4	3.80	160
EC0307- 151K	150±10%	60	0.796	4.75	4.40	150
EC0307- 181K	180±10%	60	0.796	4.35	5.00	140
EC0307- 221K	220±10%	60	0.796	4.0	5.70	130
EC0307- 271K	270±10%	60	0.796	3.7	7.50	120
EC0307- 331K	330±10%	60	0.796	3.4	9.50	100
EC0307- 391K	390±10%	60	0.796	2.8	10.50	95
EC0307- 471K	470±10%	60	0.796	2.56	11.60	90
EC0307- 561K	560±10%	60	0.796	2.35	13.00	85
EC0307- 681K	680±10%	60	0.796	2.0	18.00	75
EC0307- 821K	820±10%	60	0.796	1.6	23.70	65
EC0307- 102K	1000±10%	50	0.796	1.15	30.00	60

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EC0410 SERIES

SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μH) 电感值	Q (min) 品质系数	TEST FREQUENCY (MHz) 测试频率	SRF(min) (MHz) 自谐频率	DCR(max) (Ω) 直流电阻	IDC(max) (mA) 定格电流
EC0410-R10M	0.10 ±20%	25	25.2	320	0.15	900
EC0410-R12M	0.12 ±20%	25	25.2	320	0.16	900
EC0410-R15M	0.15±20%	25	25.2	320	0.17	890
EC0410-R18M	0.18±20%	25	25.2	320	0.19	890
EC0410-R22M	0.22±20%	25	25.2	300	0.21	880
EC0410-R27M	0.274±20%	25	25.2	300	0.24	800
EC0410-R33M	0.33±20%	25	25.2	300	0.28	750
EC0410-R39M	0.39±20%	25	25.2	280	0.32	680
EC0410-R47M	0.47±20%	25	25.2	250	0.36	650
EC0410-R56M	0.56±20%	25	25.2	230	0.41	600
EC0410- R68M	0.68±20%	25	25.2	210	0.47	550
EC0410-R82M	0.82±20%	45	25.2	172	0.24	980
EC0410-1R0K	1.00±10%	45	25.2	157	0.24	920
EC0410-1R2K	1.20±10%	50	7.96	144	0.27	880
EC0410-1R5K	1.50±10%	50	7.96	131	0.30	830
EC0410-1R8K	1.80±10%	55	7.96	121	0.32	790
EC0410-2R2K	2.20±10%	55	7.96	110	0.35	750
EC0410-2R7K	2.70±10%	60	7.96	100	0.35	720
EC0410-3R3K	3.3±10%	65	7.96	94	0.35	670
EC0410-3R9K	3.9±10%	65	7.96	86	0.37	640
EC0410-4R7K	4.7±10%	70	7.96	80	0.39	620
EC0410-5R6K	5.6±10%	70	7.96	74	0.43	590
EC0410-6R8K	6.8±10%	70	7.96	68	0.48	550
EC0410-8R2K	8.2±10%	70	7.96	53	0.52	530
EC0410-100K	10±10%	70	2.52	45	0.58	500
EC0410-120K	12±10%	70	2.52	34	0.63	480
EC0410- 150K	15±10%	70	2.52	20	0.72	460
EC0410- 180K	18±10%	65	2.52	14	0.77	430
EC0410- 220K	22±10%	40	2.52	9.9	0.84	410
EC0410- 270K	27±10%	55	2.52	7.6	0.94	390
EC0410- 330K	33±10%	55	2.52	6.3	1.03	370
EC0410- 390K	39±10%	50	2.52	6.3	1.12	350
EC0410- 470K	47±10%	45	2.52	6.3	1.22	340
EC0410- 560K	56±10%	40	2.52	6.2	1.34	320
EC0410- 680K	68±10%	40	2.52	5.7	1.47	306
EC0410- 820K	82±10%	35	2.52	5.3	1.62	290
EC0410- 101K	100±10%	30	2.52	4.8	1.80	275
EC0410- 121K	120±10%	70	0.796	3.8	3.70	185
EC0410- 151K	150±10%	70	0.796	3.5	4.20	175
EC0410- 181K	180±10%	70	0.796	3.3	4.60	165
EC0410- 221K	220±10%	70	0.796	3.0	5.10	155
EC0410- 271K	270±10%	65	0.796	2.8	5.80	146
EC0410- 331K	330±10%	65	0.796	2.6	6.40	137
EC0410- 391K	390±10%	65	0.796	2.4	7.00	133
EC0410- 471K	470±10%	60	0.796	2.25	7.70	126
EC0410- 561K	560±10%	60	0.796	2.1	8.50	120
EC0410- 681K	680±10%	55	0.796	1.95	9.40	113
EC0410- 821K	820±10%	55	0.796	1.85	12.00	100
EC0410- 102K	1000±10%	50	0.256	1.4	17.40	100

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EC0510 SERIES

SPECIFICATI●N TABLE:

PART NUMBER 品名	INDUCTANCE(mH) Test frequency at 1KHz 电感值及测试频率	● Testing min. frequency of ●(KHz) ●值测试最小值及测试频率	DCR(max) (Ω) 直流电阻
EC0510-102K	1.0±10%	80 (252)	8
EC0510-122K	1.2±10%	80 (252)	9
EC0510-152K	1.5±10%	80 (252)	10
EC0510-182K	1.8±10%	80 (252)	11
EC0510-222K	2.2±10%	80 (252)	14
EC0510-272K	2.7±10%	80 (252)	18
EC0510-332K	3.3±10%	80 (252)	22
EC0510-392K	3.9±10%	80 (252)	26
EC0510-472K	4.7±10%	80 (252)	30
EC0510-562K	5.6±10%	60 (252)	34
EC0510-682K	6.8±10%	60 (252)	48
EC0510-882K	8.2±10%	60 (252)	62
EC0510-103K	10±10%	60 (252)	74
EC0510-123K	12±10%	60 (252)	88
EC0510-153K	15±10%	60 (252)	102
EC0510-183K	18±10%	40(79.6)	150
EC0510-223K	22±10%	40(79.6)	180
EC0510-273K	27±10%	40(79.6)	210
EC0510-303K	30±10%	40(79.6)	240
EC0510-333K	33±10%	40(79.6)	250
EC0510-393K	39±10%	40(79.6)	270
EC0510-403K	40±10%	30(79.6)	300
EC0510-453K	45±10%	30(79.6)	330
EC0510-503K	50±10%	30(79.6)	355

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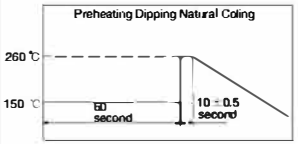
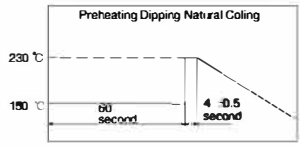
ITEM 项目	PERFORMANCE 标准	TEST CONDITION 测试条件
Operating temperature 操作温度	-55℃to+125℃ 摄氏负55度到正125度	
Storage temperature and humidity range 储存温度与温度范围	40℃(MAX) 70%RH(55℃)	
Solder heat resistance Operating temperature 耐焊锡温度	No damage on chip. More than 75%of the terminal electrode-should be covered with solder. Impedance:with±20% of initial value. Impedance:with±15% of initial value. Q:with±30% of initial value. 产品不能破损,端面之锡复盖面积达75%以上。 阻抗值:变异性在初值20%以内。 电感值:变异性在初始值15%以内。 Q值:变异性在初始值30%以内。	Preheat:150℃ 60secs. Solder:H63A. Solder temperature:260±5℃ Flux:roxin Dip time:10±0.5secs.  预热:150℃, 60secs。 锡炉温度:260±5℃。 时间:4±0.5secs。 助焊剂:roxin
Soider ability 端面焊锡性	More than 90% of the terminal electrode should be covered with solder. 端电极之锡复盖面积达90%以上	Preheat:150℃ 60secs. Solder:H63A. Solder temperature:230±5℃ Flux:roxin Dip time:4±0.5secs.  预热:150℃, 60secs. 锡炉温度:230±5℃ 时间:4±0.5secs. 助焊剂:roxin
Treminal strength 端面强度	The terminal electrode and body must not be damaged by the force applied. 端电极在右列测试条件下,不得与产品本体分离	SEAE FORCE(kgf) TIME(sec) SD1608 0.5 SD2012 0.6 SD2520 0.8 SD3216 1.0 >25 SD225 1.0 SD4516 1.0 SD4532 1.5

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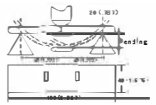
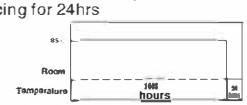
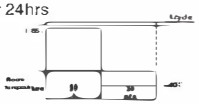
EC系列可靠性和测试条件
EC SERIES RELIABILITY AND TEST CONDITIONS

ITEM 项目	PERFORMANCE 标准	TEST CONDITION 测试条件
Flexture strength 弯折强度	The terminal electrode and chip body must not be damaged by the frocse applied. 端电极在右列测试条件下，不得与产品本体分离。	Solder a chip on a test substrate, bend the substrate by 2mm(0.079in) and return 
Heat resistance (High temperature load) 高温放置测试	Appearance:on damage. Impedance:within ±20% of initial value. Inductance: within ±15% of initial value Q:with ±30% of initial value. 外观:不能破损 阻抗值:变异性在初值20%以内。 电感值:变异性在初始值15%以内。 Q值:变异性在初始值30%以内。	Temperature: 40±5℃ to 85±5℃ and keep 30times.Cycle : 5cycles Measure at room temperature after Placing for 24hrs  温度:- 40±5℃ to 85±5℃ 须备放置30分钟达5周期 测试结束后于室内放置24hrs始可测试电气特性。
Humidity resistance	Appearance:on damage. Impedance:within ±20% of initial value. Inductance: within ±15% of initial value Q:with ±30% of initial value. 外观:不能破损 阻抗值:变异性在初值20%以内。 电感值:变异性在初始值15%以内。 Q值:变异性在初始值30%以内。	Humidity:90-95%RH Temperature:40±5℃ Applied current:max ratedrated current Test time:1008±12hrs Measure at room temperature after Placing for 24hrs  湿度:90-95%RH,温度: 40±5℃ 须加电流:最大额定电流 放置时间: 1008±12hrs 测试结束后于室内放置24hrs始可测试电气特性。
Thermal shock (Temperature cycie) 热冲击试验 (温度周期)	Appearance:on damage. Impedance:within ±20% of initial value. Inductance: within ±15% of initial value Q: Q:with ±30% of initial value. 外观:不能破损 阻抗值:变异性在初值20%以内。 电感值:变异性在初始值15%以内。 Q值:变异性在初始值30%以内。	Temperature: 40±5℃ to 85±5℃ and keep 30times.Cycle : 5cycles Measure at room temperature after Placing for 24hrs  温度:- 40±5℃ to 85±5℃ 须备放置30分钟达5周期 测试结束后于室内放置24hrs始可测试电气特性。
Low temperature storage test	Appearance:on damage. Impedance:within ±20% of initial value. Inductance: within ±15% of initial value Q:with ±30% of initial value. 外观:不能破损 阻抗值:变异性在初值20%以内。 电感值:变异性在初始值15%以内。 Q值:变异性在初始值30%以内。	Temperature: -40±5℃ Test time:1008±12hrs Measure at room temperature after Placing for 24hrs 温度:- 40±5℃ 放置时间: 1008±12hrs 测试结束后于室内放置24hrs始可测试电气特性。

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