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国际领先的磁性元器件供应商
World-Class Supplier of Magnetic Components

Inductor Selection Guide
Automotive & Commercial
科或电感选型手册
车用/一般用

KOHERelec
ELECTRONIC COMPONENTS

2027-2028

20+ 年
电感研发制造经验

1000+
产品规格

500+
合作客户

IATF 16949
ISO 9001/14001

Company Profile

IATF 16949

AEC-Q200 Qualified

科或电子专注于磁性元器件、连接器、半导体及芯片等电子元件的研发、生产和销售。致力于解决产品EMC问题和优化电源管理方案。公司深耕汽车领域多年，并在工业自动化、新能源、通讯、医疗、教学设备以及健身器材等众多领域占有重要地位。自2003年成立以来，科或电子经历了二十年的稳健发展，不仅在上海建立了总部，还在苏州、杭州、深圳、天津、武汉、沈阳、香港等关键城市设立办事处，形成了覆盖全国的业务网络。

此外，公司在技术创新和制造能力上的持续投入，在四川南充、广东河源、江苏苏州和越南胡志明建立了专业化的生产基地，公司通过IS09001:2015和IATF16949:2016等国际质量体系认证，充分证明了我们对产品质量的严格把控和长远承诺。

依托全体员工的共同努力和紧密团队协作，科或电子正以创新的姿态和突破性的成就，致力于成为电子元件领域的先锋。我们期待与全球伙伴携手并进，共创辉煌，为推动社会和行业的发展做出更大的贡献。

Koher Electronics specializes in the R&D, manufacturing, and sales of electronic components, including magnetic components, connectors, semiconductors, and chips. We are committed to resolving EMC challenges and optimizing power management solutions.

With years of deep expertise in the automotive sector, Koher has also established a significant presence across diverse fields such as industrial automation, new energy, telecommunications, medical equipment, educational devices, and fitness apparatus.

Since our founding in 2003, Koher Electronics has achieved two decades of steady growth. While headquartered in Shanghai, we have expanded our footprint with branch offices in key cities including Suzhou, Hangzhou, Shenzhen, Tianjin, Wuhan, Shenyang and Hong Kong, forming a robust nationwide business network.

Our continuous investment in technological innovation and manufacturing capabilities has led to the establishment of specialized production bases in Nanchong (Sichuan), Heyuan (Guangdong), Suzhou(Jiangsu)and Ho Chi Minh City (Vietnam). Koher is certified under international quality management systems including ISO 9001:2015 and IATF 16949:2016, underscoring our unwavering commitment to stringent quality control and long-term excellence.

Driven by the collective dedication and synergy of our team, Koher Electronics is forging ahead with innovation and breakthroughs, aspiring to be a pioneer in the electronic components industry. We look forward to collaborating with global partners to create shared success and contribute further to the advancement of society and our industry.

Automotive&Commercial Inductors
车用/一般用电感产品

车用 Automotive Inductors

片式磁珠 Chip Beads
- FBA
- FBHA
- FBFA

共模滤波器 Common Mode Filter
- NEW ACMA
- NEW ACMV
- BCMA

贴片功率电感 SMD Power Inductor
- MDSA
- MDA
- MDA HT

一体成型电感 Molded Inductor
- NEW MDAT
- NEW MDTA
- MDCA
- DMMA

贴片功率电感 SMD Power Inductor
- NRSA
- SDDA

片式绕线电感 Wire Wound Inductor
- NEW ADWL
- WIV
- WCIV HF

一般用 General-Purpose Inductors

片式磁珠 Chip Beads
- FBE
- FBHE

共模滤波器 Common Mode Filter
- SCM
- NEW MCCM
- CMC

一体成型电感 Molded Inductor
- MDE
- MDTE
- MD
- NEW TLVR
- NEW TLAR

贴片功率电感 SMD Power Inductor
- NRSM
- NRSE

绕线电感 Wire Wound Inductor
- TFS
- WI
- WWCI

片式磁珠 Chip Beads

信号线磁珠 Chip Ferrite Beads for Data Line

FBA

型号 Model		FBA0402	FBA0603	FBA0805	FBA1206
尺寸 Size	mm	1.0*0.5*0.5	1.6*0.8*0.8	2.0*1.25*0.85	3.2*1.6*1.1
阻抗 Imp.	Ω	30~1000	10~2500	7~2000	26~600
温升电流 Tr. Current	mA	50~500	200~700	400~600	400~500
直流电阻 DC Res.	Ω	0.20~1.25	0.1~1.50	0.10~0.60	0.2~0.40

电源线磁珠 Chip Ferrite Beads for Power Line

FBHA

型号 Model		FBHA0402	FBHA0603	FBHA0805	FBHA1206	FBHA1806	FBHA1812
尺寸 Size	mm	1.0*0.5*0.5	1.6*0.8*0.8	2.0*1.25*0.85	3.2*1.6*1.1	4.5*1.6*1.6	4.5*3.2*1.5
阻抗 Imp.	Ω	10~220	26~1000	22~1000	26~600	60~80	80~150
温升电流 Tr. Current	mA	1500~3000	1000~6000	1500~6000	1000~6000	3000~6000	5000~6000
直流电阻 DC Res.	Ω	0.022~0.15	0.01~0.20	0.01~0.15	0.01~0.20	0.01~0.04	0.01~0.02

扁线电源线磁珠 Flat Wire Chip Ferrite Beads for Power Line

FBFA

型号 Model		FBFA3023	FBFA4030	FBFA8530
尺寸 Size	mm	3.08*2.9*2.2	4.0*3.1*2.5	8.5*3.0*2.5
阻抗 Imp.	Ω	40	53	100
温升电流 Tr. Current	A	15	15	13
直流电阻 DC Res.	mΩ	0.6	0.6	1

共模滤波器 Common Mode Filter

信号线共模 Common Mode Choke for Data Line

ACMA

型号 Model		ACMA3225	ACMA4532
尺寸 Size	mm	3.3*2.5*2.5	4.5*3.2*2.8
电感值 Ind.	μH	11~100	11~100
温升电流 Tr. Current	mA	150~300	200~360
直流电阻 DC Res.	Ω	0.4~1.5	0.6~2.0

ACMV NEW

型号 Model		ACMV3225	ACMV4532
尺寸 Size	mm	3.4*2.6*2.5	4.5*3.2*2.6
电感值 Ind.	μH	51~100	51~100
阻抗 Imp.	Ω	2600~5100	3000~6000
温升电流 Tr. Current	mA	150~200	150~200
直流电阻 DC Res.	Ω	0.7~1.5	1.0~2.0

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信号线和电源线共模 Common Mode Choke for Data Line and Power Line

BCMA

型号 Model		BCMA1210	BCMA2012	BCMA3216	BCMA3225	BCMA4532	BCMA4520
尺寸 Size	mm	1.2*1.0*0.9	2.0*1.2*1.2	3.2*1.8*1.6	3.2*2.5*2.2	4.5*3.2*2.8	5.0*4.5*2.3
阻抗 Imp.	Ω	90	67~1000	90~2200	90~1000	90~2800	90~1400
温升电流 Tr. Current	A	0.2	0.1~0.4	0.2~0.37	0.4~1.0	0.9~4.0	1.9~3.2
直流电阻 DC Res.	mΩ	400	250~1300	300~1200	50~300	50~350	35~81

型号 Model		BCMA5020	BCMA5040	BCMA7060	BCMA1009	BCMA9250	BCMA9030
尺寸 Size	mm	5.0*4.8*2.5	5.0*4.8*4.5	7.5*6.0*3.8	9.0*8.0*5.3	9.2*6.0*5.0	9.4*7.2*2.6
阻抗 Imp.	Ω	100~1500	190~3000	70~3000	500~13000	-	-
温升电流 Tr. Current	A	1.5~6.0	0.7~5.2	0.9~15	0.35~5.00	0.2~1.6	4.1~5.5
直流电阻 DC Res.	mΩ	13~56	20~200	5~75	10~720	80~2600	9~12

型号 Model		BCMA9040	BCMA9070	BCMA1211	BCMA1513HT
尺寸 Size	mm	9.5*5.6*5.2	9.5*7.0*4.8	12*10*6.4	15.6*13.0*6.6
阻抗 Imp.	Ω	-	300~4000	300~2700	300~1500
温升电流 Tr. Current	A	0.2~0.5	1.8~6.0	1.5~9.0	5~15
直流电阻 DC Res.	mA	120~700	6~100	4.0~50	4~23

一体成型电感 Molded Inductor

合金一体成型电感 Alloy Molded Power Inductor

MDSA

型号 Model		MDSA4020	MDSA5030	MDSA7030	MDSA7040	MDSA7050	MDSA1040
尺寸 Size	mm	4.45*4.1*1.8	5.7*5.2*2.8	7.1*6.6*2.8	7.0*6.6*3.8	7.3*6.6*4.8	11.0*10.0*3.8
电感值 Ind.	μH	0.1~10.0	0.2~15.0	0.47~47.0	0.68~47.0	1.0~47.0	0.15~68.0
温升电流 Tr. Current	A	2.4~15.9	2.8~13.9	1.5~17.8	1.8~17.0	2.5~16.8	2.57~43.8
饱和电流 Isat	A	2.1~26.0	2.1~19.8	1.9~19.6	2.5~19.0	2.0~16.0	3.19~81.9
直流电阻 DC Res.	mΩ	2.91~165.0	3.6~140.1	3.4~318.3	4.8~320	5.62~275.1	0.51~192.0

型号 Model		MDSA1050	MDSA1350	MDSA1360	MDSA1365	MDSA1870
尺寸 Size	mm	11.0*10.0*4.8	13.5*12.6*4.7	13.5*12.6*5.7	13.5*12.6*6.2	17.9*16.9*6.7
电感值 Ind.	μH	0.36~47.0	0.22~68.0	0.36~47.0	0.47~68.0	0.47~82.0
温升电流 Tr. Current	A	4.4~33.8	4.27~54.7	5.0~59.9	5.78~41.8	6.3~59.9
饱和电流 Isat	A	4.0~51.7	4.99~64.8	6.6~69.8	5.97~67.7	7.8~109.8
直流电阻 DC Res.	mΩ	0.82~106.3	0.5~95.0	0.66~76.2	0.89~82.2	0.72~69.1

合金一体成型电感 Molded Alloy Inductor

MDA

型号 Model		MDA252010	MDA4020	MDA5030	MDA5030-T	MDA7030	MDA7040
尺寸 Size	mm	2.5*2.0*0.8	4.45*4.1*1.8	5.7*5.2*2.8	5.7*5.2*2.8	7.1*6.6*2.8	7.0*6.6*3.8
电感值 Ind.	μH	0.33~10.0	0.1~10.0	0.2~15.0	0.05~0.08	0.15~47.0	0.68~47.0
温升电流 Tr. Current	A	1.2~6.6	2.4~16.0	2.9~14.0	40.0~46.0	1.5~30.0	1.8~17.0
饱和电流 Isat	A	1.6~7.6	2.1~26.0	2.2~20.0	50.0~68.0	2.0~40.0	2.5~19.0
直流电阻 DC Res.	mΩ	13.0~490.0	2.9~165.0	3.6~140.0	0.57~0.74	1.7~318.0	4.8~320

型号 Model		MDA7050	MDA7054T	MDA1040	MDA1050	MDA1350	MDA1360
尺寸 Size	mm	7.3*6.6*4.8	7.9*7.2*5.2	11.0*10.0*3.8	11.0*10.0*4.8	13.5*12.6*4.7	13.5*12.6*5.7
电感值 Ind.	μH	1.00~47.0	1.5~100	0.15~68.0	0.36~47.0	0.22~68.0	0.36~47.0
温升电流 Tr. Current	A	2.6~17.0	1.8~11.5	2.6~44.0	4.5~34.0	4.3~55.0	5.2~60.0
饱和电流 Isat	A	1.8~16.0	2.4~16.4	3.2~82.0	4.0~52.0	5.0~65.0	6.7~70.0
直流电阻 DC Res.	mΩ	5.6~275.0	7.3~348.0	0.5~192.0	0.82~106.0	0.5~95.0	0.65~76.0

型号 Model		MDA1365	MDA1870	MDA2313
尺寸 Size	mm	13.5*12.6*6.2	17.8*16.9*6.7	23.5*22.0*12.6
电感值 Ind.	μH	0.47~68.0	0.47~82.0	1.00~100
温升电流 Tr. Current	A	5.8~42.0	6.5~60.0	11.0~70.0
饱和电流 Isat	A	6.0~68.0	8.0~110.0	9.0~60.0
直流电阻 DC Res.	mΩ	0.88~82.0	0.7~69.0	0.8~36

MDA HT

型号 Model		MDA4020HT	MDA5030HT	5MDA040HT	MDA7030HT	MDA6045HT	MDA7054HT
尺寸 Size	mm	4.3*4.2*1.9	5.45*5.25*2.8	5.5*5.25*3.8	6.95*6.6*2.8	7.2*6.6*4.3	7.9*7.2*5.2
电感值 Ind.	μH	0.1~10.0	0.33~10.0	0.47~22.0	0.47~22.0	0.22~100	1.5~100.0
温升电流 Tr. Current	A	3.1~19.0	2.8~16.7	2.7~13.5	2.8~17.0	1.5~22.2	1.8~11.5
饱和电流 Isat	A	3.3~32.2	2.35~11.2	3.0~14.5	2.4~16.3	2.4~57.2	2.4~16.4
直流电阻 DC Res.	mΩ	1.9~126	5.0~129.5	5.5~170	4.62~174	2.0~413	6.3~303.0

型号 Model		MDA8054HT	MDA1040HT	MDA1054HT	MDA1365HT
尺寸 Size	mm	8.7*8.3*5.2	10.85*10.0*3.8	11.0*10.0*5.1	13.45*12.6*6.2
电感值 Ind.	μH	1.0~47.0	1.0~47.0	0.68~100.0	1.0~47.0
温升电流 Tr. Current	A	3.5~15.5	3.0~23.7	2.8~32.0	4.2~32.0
饱和电流 Isat	A	5.2~22.0	3.2~20.4	3.5~46.0	3.8~20.0
直流电阻 DC Res.	mΩ	4.0~122	3.1~178	1.8~215.0	2.1~104

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MDA T NEW

型号 Model		MDA7054T	MDA1054T	MDA5030T
尺寸 Size	mm	7.9*7.2*5.2	11.0*10.0*5.2	5.7*5.2*2.8
电感值 Ind.	μH	1.5~100	0.68~100	0.05~0.08
温升电流 Tr. Current	A	1.8~11.5	2.8~32.0	40.0~46.0
饱和电流 Isat	A	2.4~16.4	3.5~46.0	50.0~68.0
直流电阻 DC Res.	mΩ	7.3~348.0	2.22~234.0	0.57~0.74

合金一体成型电感宽焊盘 Flat Wire Molded Inductor

MDTA NEW

型号 Model		MDTA141208	MDTA160808	MDTA20121A	MDTA20161A	MDTA25201B	MDTA32251B
尺寸 Size	mm	1.4*1.2*0.7	1.6*0.8*0.7	2.0*1.2*0.8	2.0*1.6*0.8	2.5*2.0*1.0	3.2*2.5*1.0
电感值 Ind.	μH	0.33~0.47	0.22~1.00	0.10~2.20	0.10~4.70	0.10~10.0	0.22~10.0
温升电流 Tr. Current	A	3.80~4.00	2.1~3.4	2.0~7.5	1.60~8.50	1.20~12.0	1.90~9.50
饱和电流 Isat	A	4.60~5.30	3.0~5.5	2.7~8.5	2.00~9.00	1.60~12.0	2.30~9.30
直流电阻 DC Res.	mΩ	23.0~29.00	33~180	8.0~135.0	8.00~190.0	4.00~330.0	7.40~230.0

型号 Model		MDTA4020	MDTA4030	MDTA5030	MDTA5050	MDTA6030	MDTA6050
尺寸 Size	mm	4.1*4.1*1.9	4.1*4.1*2.8	5.3*5.5*2.9	5.3*5.5*4.8	6.6*6.4*(2.8/2.9)	6.6*6.4*4.8
电感值 Ind.	μH	0.10~2.20	0.47~3.30	0.15~4.70	5.60~15.0	0.18~4.5	0.82~4.7
温升电流 Tr. Current	A	5.6~18.0	6.60~14.0	5.90~22.2	3.90~7.20	7.0~32.0	8.5~21.0
饱和电流 Isat	A	6.5~38.0	6.20~17.0	8.20~36.0	3.70~8.60	10.0~40.0	10.5~24.0
直流电阻 DC Res.	mΩ	2.42~38.7	7.26~28.60	2.31~36.30	24.2~76.7	1.75~25.3	4.18~18.4

型号 Model		MDTA6060	MDTA7020	MDTA7030	MDTA7070	MDTA8080	MDTA1030
尺寸 Size	mm	6.6*6.4*5.8	7.8*7.6*1.85	7.8*7.6*2.9	7.8*7.6*6.7	8.9*8.5*7.7	11.9*11.0*2.9
电感值 Ind.	μH	1.0~22.0	0.27~1.00	1.00~8.20	1.00~6.80	1.8~10.0	0.28~1.50
温升电流 Tr. Current	A	5.0~21.0	11.0~21.0	5.90~21.8	9.5~25.0	8.7~24.0	18.0~35.0
饱和电流 Isat	A	5.6~24.0	23.0~35.0	10.2~30.0	12.8~34.8	11.0~28.0	30.0~65.0
直流电阻 DC Res.	mΩ	4.40~60.63	3.5~10.8	5.00~48.73	2.81~19.6	4.0~22.9	1.60~6.60

型号 Model		MDTA1060	MDTA1010	MDTA1580	MDTA1510	MDTA1513
尺寸 Size	mm	11.9*11.0*5.7	11.9*11.0*9.7	16.5*15.5*7.7	16.5*15.5*9.7	16.5*15.5*12.7
电感值 Ind.	μH	0.68~4.70	2.20~15.0	2.0~22.0	4.70~33.0	4.7~33.0
温升电流 Tr. Current	A	14.0~34.0	13.8~32.0	12.0~40.0	12.3~30.0	14.0~31.0
饱和电流 Isat	A	25.0~55.0	15.5~34.0	19.0~57.0	16.7~43.0	19.0~44.0
直流电阻 DC Res.	mΩ	14.0~34.0	2.8~19.3	2.21~23.2	3.8~20.0	3.3~22.2

羰基一体成型电感 Molded Inductor(Carbonyl Powder)

MDCA

型号 Model		MDCA3012	MDCA3015	MDCA3020	MDCA4020	MDCA5030	MDCA6020
尺寸 Size	mm	3.5*3.2*1.0	3.5*3.2*1.3	3.5*3.2*1.8	4.45*4.06*1.8	5.7*5.2*2.8	7.0*6.6*1.8
电感值 Ind.	μH	0.22~10.0	0.22~10.0	0.1~10.0	0.1~22.0	0.1~33.0	0.1~22.0
温升电流 Tr. Current	A	1.0~6.5	1.2~7.0	1.4~10.5	1.2~14.0	1.6~23.0	1.5~21.0
饱和电流 Isat	A	1.4~10.0	1.6~10.8	1.6~14.0	1.4~35.0	1.6~27.0	2.5~40.0
直流电阻 DC Res.	mΩ	14.0~498	14.0~435	6.6~366	3.2~470	2.5~380	2.0~236

型号 Model		MDCA7030	MDCA7050	MDCA1040	MDCA1350	MDCA1365	MDCA1870
尺寸 Size	mm	7.3*6.6*2.8	7.3*6.6*4.8	11.0*10.0*3.8	13.5*12.5*4.8	13.5*12.5*6.2	17.6*16.9*6.7
电感值 Ind.	μH	0.1~22.0	0.33~33.0	0.15~47.0	0.2~47.0	0.15~100	0.33~100
温升电流 Tr. Current	A	2.0~32.5	2.0~25.0	2.9~42.0	4.0~52.0	4.2~55.0	5.3~70.0
饱和电流 Isat	A	3.5~60.0	3.5~32.0	4.3~74.0	6.5~110	5.5~118	12.0~130
直流电阻 DC Res.	mΩ	1.2~165	2.5~173	0.6~147	0.45~100	0.49~145	0.75~102

功放电感 Molded Inductor

DMMA

型号 Model		DMMA3225	DMMA06077	DMMA1009
尺寸 Size	mm	3.2*2.8*2.5	6.9*7.7*7.3	10.2*9.5*10.85
电感值 Ind.	μH	3.3	3.3~10.0	10
温升电流 Tr. Current	A	3.9	3.5~6.5	5.2
饱和电流 Isat	A	7.3	6.8~14.5	10
直流电阻 DC Res.	mΩ	55	16~43	18

贴片功率电感 SMD Power Inductor

磁胶电感 Power Inductor

NRSA

型号 Model		NRSA201610	NRSA2520B	NRSA3012B	NRSA3015	NRSA3015B	NRSA4014B
尺寸 Size	mm	2.1*1.7*1.05	2.5*2.0*1.25	3.0*3.0*1.0	3.0*3.0*1.3	3.0*3.0*1.3	4.0*4.0*1.35
阻抗 Imp.	μH	0.47~22.00	0.24~47.00	1.00~3.30	10.0~100.00	0.47~6.80	1.00~4.70
温升电流 Tr. Current	A	0.30~2.16	0.29~3.50	1.70~2.80	0.35~1.30	1.70~3.70	1.50~2.20
饱和电流 Isat	A	0.38~2.70	0.30~4.05	1.60~3.60	0.30~0.90	1.30~4.30	1.20~2.80
直流电阻 DC Res.	mΩ	41~1550	28~2000	43~115	220~3400	22~172	45~108

NRSA

型号 Model		NRSA4018B	NRSA4030	NRSA5040	NRSA5020	NRSA6020	NRSA6028
尺寸 Size	mm	4.0*4.0*1.8	4.0*4.0*3.0	4.95*4.95*(3.8~3.9)	5.0*5.0*1.8	6.0*6.0*1.8	6.0*6.0*2.6
电感值 Ind.	μH	1.00~22.00	0.68~47.00	1.00~220.00	1.00~47.00	1.00~47.00	1.00~100.00
温升电流 Tr. Current	A	0.75~3.50	0.72~4.60	0.55~5.00	0.70~4.10	0.75~4.50	0.72~5.20
饱和电流 Isat	A	0.80~4.50	0.95~6.80	0.62~7.50	0.70~5.00	0.82~6.20	0.80~5.75
直流电阻 DC Res.	mΩ	32~450	10~530	12~1500	20~460	19~520	10~605

双绕组屏蔽电感 Shielded Power Inductor

NRSA

型号 Model		NRSA6045	NRSA8040
尺寸 Size	mm	6.0*6.0*4.2	8.0*8.0*(3.7~4.2)
电感值 Ind.	μH	0.47~470.00	1.00~220.00
温升电流 Tr. Current	A	0.40~8.60	0.85~8.50
饱和电流 Isat	A	0.60~17.00	0.99~13.80
直流电阻 DC Res.	mΩ	6.8~2050	8.2~610

SDDA

型号 Model		SDDA1280	SDDA1210
尺寸 Size	mm	12.5*12.5*8.5	12.5*12.5*10.5
电感值 Ind.	μH	4.7~100	3.9~33.0
温升电流 Tr. Current	A	1.5~5.0	3.1~7.0
饱和电流 Isat	A	3.0~12.9	6.2~17.6
直流电阻 DC Res.	Ω	0.025~0.28	0.018~0.075

片式绕线电感 Wire Wound Inductor

绕线贴片电感 Winding Type Chip Inductor

ADWL

NEW

型号 Model		ADWL2012	ADWL3225	ADWL3225S	WCIV1608HF	WCIV2012HF	WCIV2520HF
尺寸 Size	mm	2.0*1.2*1.6	3.2*2.5*2.3	3.2*2.5*3.0	1.8*1.2*1.2	1.8*1.2*1.2	1.8*1.2*1.2
电感值 Ind.	μH/nH	0.47~2.00	2.2~47.0	2.2~22.0	2.0~390	2.0~390	2.0~390
温升电流 Tr. Current	A/mA	0.45~1.1(105℃)	0.3~0.88(105℃)	0.63~1.73(85℃)	100~700	100~700	100~700
直流电阻 DC Res.	Ω	0.05~0.29	0.19~0.90	0.10~0.76	0.07~3.6	0.07~3.6	0.07~3.6
饱和电流 Isat	A	0.45~1.0	0.3~1.0	0.52~1.7			
自谐振频率 SRF	Mhz				900~8000	900~8000	900~8000

WCIV HF

高频线绕陶瓷电感
High Frequency Wirewound Ceramic Inductor

线绕陶瓷电感 Wire Wound Inductor

WIV

型号 Model		WIV1608	WIV2012	WIV2520	WIV3225
尺寸 Size	mm	1.8*1.2*1.2	2.4*1.6*1.4	2.9*2.5*2.1	3.6*2.8*2.6
电感值 Ind.	μH	0.047~10.0	0.47~33.0	1.0~33.0	1.0~680
温升电流 Tr. Current	mA	180~1400	145~750	236~1000	76~1200
直流电阻 DC Res.	Ω	0.075~4.8	0.2~4.34	0.13~2.47	0.12~22.0
自谐振频率 SRF	Mhz	25~1500	15~720	15~345	2.3~290

片式磁珠 Chip Beads

信号线磁珠 Chip Ferrite Beads for Data Line

FBE

型号 Model		FBE0402	FBE0603	FBE0805	FBE1206
尺寸 Size	mm	1.0*0.5*0.5	1.6*0.8*0.8	2.0*1.25*0.85	3.2*1.6*1.1
阻抗 Imp.	Ω	30~1000	10~2000	7~2000	26~600
温升电流 Tr. Current	mA	50~300	150~700	250~900	400~900
直流电阻 DC Res.	Ω	0.20~1.20	0.20~1.20	0.10~0.60	0.15~0.40

电源线磁珠 Chip Ferrite Beads for Power Line

FBHE

型号 Model		FBHE0402	FBHE0603	FBHE0805	FBHE1206	FBHE1806	FBHE1812
尺寸 Size	mm	1.0*0.5*0.5	1.6*0.8*(0.6~0.8)	2*1.25*0.85	3.2*1.6*1.1	4.5*1.6*1.6	4.5*3.2*1.5
阻抗 Imp.	Ω	10~220	26~600	30~600	30~600	60~1000	80~1300
温升电流 Tr. Current	mA	1500~3000	1000~6000	1000~6000	1000~3000	1500~6000	3000~6000
直流电阻 DC Res.	Ω	0.022~0.15	0.01~0.20	0.01~0.04	0.02~0.20	0.01~0.15	0.01~0.06

共模滤波器 Common Mode Filter

共模滤波器 Common Mode Filter

SCM

型号 Model		SCM1210HS	SCM1608	SCM2012	SCM2520	SCM3216	SCM3225
尺寸 Size	mm	1.2*1.0*0.9	1.6*1.1*0.85	2.0*1.2*1.2	2.5*2.0*1.2	3.2*2.0*1.6	3.2*2.5*2.2
阻抗 Imp.	Ω	35~90	22~250	67~1000	300~1000	90~2200	90~1000
温升电流 Tr. Current	A	0.20~0.4	0.40~0.55	0.10~0.40	0.24~0.40	0.20~0.40	0.40~1.00
直流电阻 DC Res.	Ω	0.30~0.40	0.08~0.28	0.25~1.30	0.25~0.50	0.30~1.20	0.05~0.30

型号 Model		SCM3225L	SCM4015	SCM4532	SCM4532L	SCM6033	SCM4520
尺寸 Size	mm	3.3*2.5*2.5	4.0*4.0*1.6	4.5*3.2*2.8	4.5*3.2*2.8	6.0*5.0*3.3	5.0*4.5*2.3
阻抗 Imp.	Ω	550~5100	10~180	90~2800	600~5800	800~4000	60~1200
温升电流 Tr. Current	A	0.15~0.3	1.1~3.1	0.90~4.00	0.2~0.36	0.3~0.4	1.90~3.20
直流电阻 DC Res.	Ω	0.4~1.5	0.016~0.12	0.05~0.35	0.6~2.0	0.18~0.35	0.035~0.081

型号 Model		SCM5020	SCM5040	SCM6536	SCM7060	SCM9035	SCM9250
尺寸 Size	mm	5.0*4.8*2.5	5.0*4.8*4.5	6.5*3.6*1.65	7.5*6.0*3.8	9.0*7.0*3.5	9.2*6.0*5.0
阻抗 Imp.	Ω	100~1500	190~4000	300~2000	70~4000	3000	-
温升电流 Tr. Current	A	1.50~6.00	0.2~5.0	0.3	0.80~15.0	0.45	0.35~1.60
直流电阻 DC Res.	Ω	0.013~0.056	0.02~0.3	0.16~0.30	0.005~0.10	0.45	0.08~1.20

SCM

型号 Model		SCM9266	SCM9040	SCM1009	SCM1009B	SCM121006	SCM1211
尺寸 Size	mm	9.2*7.24*2.5	9.5*5.6*5.2	10.3*9.0*6.5	10.5*9*6.5	12.0*10.0*6.0	12.5*10.8*6.4
阻抗 Imp.	Ω	1600~5000	300~5000	500~2200	200~6200	900~1400	80~2700
温升电流 Tr. Current	A	0.45~0.70	0.20~2.50	1.40~5.00	0.35~2.50	4.00~9.00	1.50~10.0
直流电阻 DC Res.	Ω	0.14~0.45	0.1~0.7	0.0055~0.060	0.025~0.72	0.012~0.036	0.002~0.05

信号线和电源线共模 Common Mode Choke for Data Line and Power Line

MCCM

型号 Model		MCCM0605	MCCM0806	MCCM0906
尺寸 Size	mm	0.65*0.5*0.3	0.85*0.65*0.4	0.9*0.68*0.4
阻抗 Imp.	Ω	12~90	12~550	30
额定电流 Tr. Current	mA	50~100	50~130	100
直流电阻 DC Res.	Ω	2.5~5.0	2.5~10.0	4

电源线共模 Power Line Common-Mode

CMC

型号 Model		CMC1678	CMC1915	CMC2517	CMC2819	CMC3122	CMC4724
尺寸 Size	mm	16.0*7.8*18.0	19.0*15.0*22.0	25.0*17.0*27.0	28.0*19.0*33.0	31.0*22.0*35.0	47.0*24.0*43.5
电感值 Ind.	μH	14~39000	16~20000	1000~20000	1000~20000	1000~33000	500~1800
温升电流 Tr. Current	A	0.3~4.0	0.5~10.0	1.5~6.0	2.0~10.0	3.0~12.0	14.0~35.0
直流电阻 DC Res.	mΩ	15~3000	2.7~540	13~270	7~220	9~210	2.3~9.5

一体成型电感 Molded Inductor

合金一体成型电感 Molded Inductor(Alloy Powder)

MDE

型号 Model		MDE201610	MDE201610S	MDE252010	MDE252010S	MDE252012	MDE252012S
尺寸 Size	mm	2.0*1.6*1.0	2.0*1.6*1.0	2.5*2.0*1.0	2.5*2.0*1.0	2.5*2.0*1.2	2.5*2.0*1.2
电感值 Ind.	μH	0.24~2.2	0.1~2.2	0.22~4.7	0.33~2.2	0.47~4.7	0.47~2.2
温升电流 Tr. Current	A	1.7~5.0	2.2~9.5	1.36~5.9	2.4~5.6	1.61~4.6	2.5~5.8
饱和电流 Isat	A	1.9~5.6	2.6~12.2	1.8~7.9	3.3~7.8	1.9~5.3	3.5~6.8
直流电阻 DC Res.	mΩ	17~135	7~117	9.0~220	17~88	21~196	16~74

MDE

型号 Model		MDE0320	MDE0410	MDE0412	MDE0420	MDE0518	MDE0530
尺寸 Size	mm	3.4*3.2*1.8	4.1*4.1*0.8	4.4*4.2*1.0	4.4*4.2*1.8	5.4*5.2*1.8	5.4*5.2*2.8
电感值 Ind.	μH	0.33~10.0	2.2~10.0	0.15~4.7	0.1~22.0	0.47~10.0	0.1~10.0
温升电流 Tr. Current	A	1.4~8.0	1.5~3.4	1.8~7.5	1.2~13.0	2.5~10.5	1.7~25.0
饱和电流 Isat	A	1.6~10.0	1.8~4.3	2.2~15.0	1.4~22.0	3.0~15.5	2.3~30.0
直流电阻 DC Res.	mΩ	21~422	100~336	9.0~195	4.0~363	9.0~155	3.0~248

MDE

型号 Model		MDE0618	MDE0624	MDE0630	MDE0640	MDE0650	MDE0840
尺寸 Size	mm	7.0*6.6*1.6	7.0*6.6*2.2	7.0*6.6*2.8	7.0*6.6*3.8	7.0*6.6*4.8	8.8*8.2*3.8
电感值 Ind.	μH	0.1~22.0	0.22~22.0	0.22~47.0	0.68~47.0	0.47~68.0	0.22~47.0
温升电流 Tr. Current	A	1.8~25.0	2.0~21.0	1.5~24.0	1.8~17.0	1.2~20.0	2.5~30.0
饱和电流 Isat	A	2.3~38.0	2.5~30.0	2.0~34.0	2.5~19.0	1.7~21.0	2.9~55.0
直流电阻 DC Res.	mΩ	2.3~350	3.0~230	3.0~385	4.8~320	3.9~438	1.8~225

MDE

型号 Model		MDE1040	MDE1050	MDE1250	MDE1260	MDE1265	MDE1240
尺寸 Size	mm	11.5*10.0*3.8	11.5*10.0*4.8	13.45*12.6*4.8	13.45*12.6*5.8	13.45*12.6*6.5	13.45*12.8*4.0
电感值 Ind.	μH	0.15~68.0	0.22~100	0.22~47.0	4.7~150	1.0~100	0.22~22.0
温升电流 Tr. Current	A	2.5~45.0	2.1~37.0	3.0~50.0	1.5~15.0	3.5~28.0	4.5~42.0
饱和电流 Isat	A	3.0~75.0	2.8~65.0	5.0~75.0	2.7~24.0	4.0~34.0	6.0~50.0
直流电阻 DC Res.	mΩ	0.65~195	0.8~290	0.7~130	9.0~350	1.75~170	0.9~51.0

合金一体成型电感宽焊盘 Molded Inductor

MDTE

型号 Model		MDTE141208	MDTE160808	MDTE20121A	MDTE20161A	MDTE25201B	MDTE32251B
尺寸 Size	mm	1.4*1.2*0.7	1.6*0.8*0.7	2.0*1.2*0.8	2.0*1.6*0.8	2.5*2.0*1.0	3.2*2.5*1.0
电感值 Ind.	μH	0.33~0.47	0.22~1.00	0.10~2.20	0.10~4.70	0.10~10.0	0.22~4.70
温升电流 Tr. Current	A	3.8~4.0	2.1~3.4	2.0~7.5	1.6~8.5	1.2~12.0	2.5~9.5
饱和电流 Isat	A	4.6~5.3	3.0~5.5	2.7~8.5	2.0~9.0	1.6~12.0	2.9~9.3
直流电阻 DC Res.	mΩ	28~35	40~200	13~150	14~220	7.0~400	8.5~135

型号 Model		MDTE4020	MDTE4030	MDTE5020	MDTE5030	MDTE5050	MDTE6030
尺寸 Size	mm	4.1*4.1*1.9	4.1*4.1*2.8	5.5*5.3*1.9	5.5*5.3*2.9	5.5*5.3*4.8	6.6*6.4*2.8
电感值 Ind.	μH	0.10~2.20	0.47~6.80	0.15~1.50	0.15~4.70	5.60~22.00	0.18~4.50
温升电流 Tr. Current	A	5.6~18.0	3.9~14.0	8.8~18.8	5.9~22.2	3.4~7.2	7.0~32.0
饱和电流 Isat	A	6.5~38.0	3.6~17.0	13.3~30.0	8.2~36.0	3.6`~8.6	8.0~36.0
直流电阻 DC Res.	mΩ	2.42~38.70	7.26~74.10	4.60~18.70	2.31~36.30	24.2~99.65	1.75~25.30

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MDTE

型号 Model		MDTE6050	MDTE6060	MDTE7020	MDTE7030	MDTE7070	MDTE8080
尺寸 Size	mm	6.6*6.4*4.8	6.6*6.4*5.8	7.8*7.6*1.85	7.8*7.6*2.9	7.8*7.6*6.7	8.9*8.5*7.7
电感值 Ind.	μH	0.82~4.70	1.00~22.00	0.27~1.00	1.00~8.20	1.00~6.80	1.80~10.00
温升电流 Tr. Current	A	8.5~21.0	5.0~21.0	11.0~21.0	5.9~21.8	9.5~25.0	8.7~24.0
饱和电流 Isat	A	10.5~24.0	5.6~24.0	23.0~35.0	10.2~30.0	12.8~34.8	11.0~28.0
直流电阻 DC Res.	mΩ	4.18~18.40	4.40~60.63	3.50~10.80	5.00~48.73	2.81~19.60	4.00~22.90

型号 Model		MDTE1030	MDTE1060	MDTE1010	MDTE1580	MDTE1510	MDTE1513
尺寸 Size	mm	11.9*11.0*2.9	11.9*11.0*5.7	11.9*11.0*9.7	16.5*15.5*7.7	16.5*15.5*9.7	16.5*15.5*12.7
电感值 Ind.	μH	0.28~1.50	0.68~4.70	2.20~15.00	2.00~22.00	4.70~33.00	4.70~33.00
温升电流 Tr. Current	A	18.0~35.0	14.0~34.0	13.8~32.0	12.0~40.0	12.3~30.0	14.0~31.0
饱和电流 Isat	A	25.0~58.0	25.0~55.0	15.5~34.0	19.0~57.0	16.7~43.0	19.0~44.0
直流电阻 DC Res.	mΩ	1.60~6.60	1.50~10.72	2.80~19.30	2.21~23.20	3.80~20.00	3.30~22.20

羰基一体成型电感 Molded Inductor(Carbonyl Powder)

MD

型号 Model		MD3512	MD3520	MD4012	MD4020	MD5012	MD5015
尺寸 Size	mm	3.5*3.2*1.0	3.5*3.2*1.8	4.45*4.06*1.0	4.45*4.06*1.8	5.7*5.2*1.0	5.7*5.2*1.3
电感值 Ind.	μH	0.47~10.0	0.1~10.0	0.1~22.0	0.1~22.0	0.1~15.0	0.15~22.0
温升电流 Tr. Current	A	1.0~5.0	1.4~10.5	0.8~11.5	1.2~12.0	1.3~14.0	1.2~16.0
饱和电流 Isat	A	1.4~7.2	1.6~14.0	1.0~25.0	1.4~35.0	1.6~14.5	1.7~25.0
直流电阻 DC Res.	mΩ	25.0~498	6.6~366	4.3~950	3.2~470	4.3~410	3.6~405

型号 Model		MD5018	MD5020	MD5030	MD7012	MD7015	MD7018
尺寸 Size	mm	5.7*5.2*1.6	5.7*5.2*1.8	5.7*5.2*2.8	7.0*6.6*1.0	7.0*6.6*1.3	7.0*6.6*1.6
电感值 Ind.	μH	0.15~15.0	0.1~22.0	0.1~33.0	0.15~22.0	0.1~22.0	0.1~33.0
温升电流 Tr. Current	A	1.7~15.5	1.5~18.0	1.6~23.0	1.2~14.0	1.5~17.5	1.3~18.0
饱和电流 Isat	A	2.3~27.0	1.8~45.0	1.6~27.0	1.7~24.0	2.5~35.0	2.1~45.0
直流电阻 DC Res.	mΩ	3.5~275	3.6~350	2.5~380	4.9~540	2.5~420	2.1~550

型号 Model		MD7020	MD7024	MD7030	MD7040	MD7050	MD1040
尺寸 Size	mm	7.0*6.6*1.8	7.3*6.6*2.2	7.3*6.7*2.8	7.3*6.6*3.8	7.3*6.6*4.8	11.0*10.0*3.8
电感值 Ind.	μH	0.1~22.0	0.1~22.0	0.1~47.0	0.15~33.0	0.33~68.0	0.15~47.0
温升电流 Tr. Current	A	1.5~21.0	1.8~30.0	1.75~32.5	1.8~30.0	1.2~25.0	3.0~43.0
饱和电流 Isat	A	2.5~40.0	3.0~70.0	2.0~60	3.2~55.0	2.0~32.0	4.5~75.0
直流电阻 DC Res.	mΩ	2.0~236	1.4~185	1.2~302	0.9~180	2.5~386	0.5~145

MD

型号 Model		MD1050	MD1335	MD1350	MD1360	MD1365	MD1870
尺寸 Size	mm	11.0*10.0*4.8	13.5*12.5*3.3	13.5*12.5*4.8	13.5*12.5*5.7	13.5*12.5*6.2	18.0*16.9*6.7
电感值 Ind.	μH	0.22~68.0	1.0~47.0	0.2*68.0	0.47~68.0	0.22~100	0.45~100
温升电流 Tr. Current	A	2.5~45.0	3.0~24.0	3.5~52.0	5.0~38.0	4.2~53.0	5.3~62.0
饱和电流 Isat	A	4.0~70.0	5.5~40.0	5.5~110	6.0~60.0	5.5~112	12.0~125
直流电阻 DC Res.	mΩ	0.45~176	2.7~181	0.45~135	0.92~120	0.47~145	0.8~102

一体成型大电流TLVR功率电感 High Current Molded TLVR Power Inductor

TLVR

NEW

型号 Model		TLVR080506	TLVR100510	TLVR110475
尺寸 Size	mm	7.0*5.8*4.6	9.7*9.7*4.8	10.8*7.3*4.0
电感值 Ind.	μH	85	0.1	0.08
温升电流 Tr. Current	A	62	75	69
饱和电流 Isat	A	90	130	37
直流电阻1-4 DC Res.	mΩ	0.175	0.125	0.13
直流电阻2-3 DC Res.	mΩ	0.55	0.4	0.45

TLAR

NEW

型号 Model		TLAR100760
尺寸 Size	mm	9.8*7.0*5.8
电感值 Ind.	μH	85
温升电流 Tr. Current	A	68
饱和电流 Isat	A	88
直流电阻 DC Res.	mΩ	0.14

贴片功率电感 SMD Power Inductor

磁胶电感 Power Inductor

NRSM

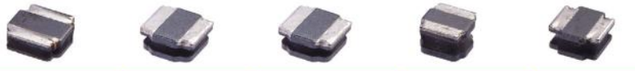
型号 Model		NRSM201610S	NRSM252010S	NRSM252012S	NRSM3012S	NRSM3015S
尺寸 Size	mm	2.0*1.6*1.08	2.5*2.0*1.05	2.5*2.0*1.26	3.0*3.0*1.2	3.0*3.0*1.55
电感值 Ind.	μH	0.24~15.0	0.24~10.0	0.24~10.0	0.22~22.0	0.22~15.0
温升电流 Tr. Current	A	0.42~3.45	0.75~4.5	1.0~4.7	0.46~4.8	1.2~5.9
饱和电流 Isat	A	0.75~5.5	1.0~7.1	1.35~7.8	1.15~10.0	1.75~11.0
直流电阻 DC Res.	mΩ	33~1300	25~630	19~435	20~96	15.4~460

型号 Model		NRSM3020S	NRSM4012S	NRSM4020S
尺寸 Size	mm	3.0*3.0*2.2	4.0*4.0*1.2	4*0*4.0*2.0
电感值 Ind.	μH	0.24~3.3	0.47~22.0	0.24~47.0
温升电流 Tr. Current	A	2.8~7.1	0.9~4.3	0.66~7.0
饱和电流 Isat	A	5.5~14.5	1.25~8.2	1.3~17.0
直流电阻 DC Res.	mΩ	16~99	33~650	13~950

NRSE

型号 Model		NRSE2016	NRSE2510	NRSE2512	NRSE3010	NRSE3012	NRSE3015
尺寸 Size	mm	2.0*1.6*1.05	2.5*2.0*1.05	2.5*2.0*1.25	3.0*3.0*1.0	3.0*3.0*1.2	3.0*3.0*1.5
电感值 Ind.	μH	0.24~22.0	0.22~15.0	0.24~22.0	1.0~22.0	0.33~47.0	0.24~47.0
温升电流 Tr. Current	A	0.36~3.1	0.5~3.0	0.55~4.5	0.38~1.45	0.35~2.9	0.32~3.5
饱和电流 Isat	A	0.38~4.1	0.6~4.4	0.55~4.8	0.35~1.4	0.27~3.0	0.35~4.8
直流电阻 DC Res.	mΩ	33~1400	26~820	19~1000	65~930	21~1450	14~1200

型号 Model		NRSE4012	NRSE4015	NRSE4018	NRSE4020	NRSE4030	NRSE5020
尺寸 Size	mm	4.0*4.0*1.2	4.0*4.0*1.65	4.0*4.0*1.85	4.0*4.0*2.1	4.0*4.0*3.0	5.0*5.0*2.2
电感值 Ind.	μH	0.24~47.0	0.50~68.0	0.56~47.0	0.33~68.0	0.47~470	0.22~220
温升电流 Tr. Current	A	0.5~3.3	0.42~4.2	0.5~3.5	0.35~3.3	0.20~4.0	0.3~8.0
饱和电流 Isat	A	0.45~5.6	0.5~6.3	0.57~5.5	0.60~7.5	0.30~7.50	0.35~6.0
直流电阻 DC Res.	mΩ	20~1100	25~1600	18~850	13~1250	11~5500	11~2230



型号 Model		NRSE5040	NRSE6020	NRSE6028	NRSE6045	NRSE8040
尺寸 Size	mm	5.0*5.0*4.0	6.0*6.0*2.0	6.0*6.0*2.8	6.0*6.0*4.5	8.0*8.0*4.2
电感值 Ind.	μH	1.0~470	0.68~68	1.0~120	0.47~330	0.56~1000
温升电流 Tr. Current	A	0.3~4.9	0.8~7.5	0.58~4.6	0.5~8.6	0.35~7.6
饱和电流 Isat	A	0.4~7.35	0.68~3.8	0.62~6.7	0.57~17.0	0.4~11.5
直流电阻 DC Res.	mΩ	13~2800	15~815	12~820	6.8~1851	5~2900

绕线电感 Wire Wound Inductor

环形电感 Toroid

TFS

型号 Model		TFS
尺寸 Size	mm	-
电感值 Ind.	μH	8.2~860
温升电流 Tr. Current	A	0.4~5.0
直流电阻 DC Res.	Ω	0.01~0.45

非屏蔽绕线电感 Power Inductor

WI

型号 Model		WI1608	WI1210	WI3225	WI4532
尺寸 Size	mm	1.8*1.2*1.2	3.2*2.5*2.0	3.2*2.5*2.0	4.5*3.2*2.6
电感值 Ind.	μH	0.047~10	1.0~560	1.0~270	1.0~1000
温升电流 Tr. Current	mA	180~1400	48~750	-	-
直流电阻 DC Res.	Ω	0.075~4.8	0.1~28	0.09~9.6	0.08~27.9

线绕陶瓷电感 Wirewound Ceramic Inductor

WWCI

型号 Model		WWCI0402	WWCI0603	WWCI0805	WWCI1008
尺寸 Size	mm	1.0*0.55*0.5	1.6*1.05*1.05	2.28*1.70*1.28	2.6*2.1*1.7
电感值 Ind.	nh	1.0~120	1.8~390	2.7~1500	3.3~1000
温升电流 Tr. Current	mA	110~200	170~700	130~800	120~1000
直流电阻 DC Res.	Ω	0.104~2.66	0.045~2.0	0.08~5.3	0.06~3.3
自谐振频率 SRF	MHz	1100~4160	350~12500	200~6000	310~6000