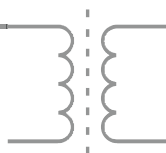
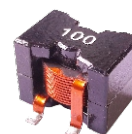
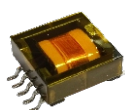


专业级的变压器、电感、线圈 Professional Class Transformers & Inductors , Coils , Chokes



设计、制造、供应

Design, Manufacture and Supply



珠海厦尔电子有限公司
SHARE ELECTRONICS CO., LTD



N1 **真诚、创新，让我们做得更好**
Sincerity and innovation, making better

N2 **专业的设计能力可更好的服务于客户的前期研发**
Professional design will help R&D better at customer early stage

N3 **优质的服务是我们前进路上的动力源泉**
Quality service is the source of power on the forward



目录

<i>Contents</i>	3
公司简介	
<i>Company introduction</i>	4-5
企业优势	
<i>Company Advantages</i>	6
发展历程	
<i>Company milestone</i>	7
品质保证及荣誉	
<i>Quality assurance and awards</i>	8
产品概述	
<i>Products introduction</i>	9
低频电源变压器	
<i>Low Frequency Power Transformer</i>	10
真空灌封变压器	
<i>Vacuum Encapsulated Transformer</i>	10
开关电源变压器	
<i>Switching Power Supply Transformer</i>	11
■ EE & EI Series	11
■ ER & ETD Series	12
■ PQ & RM Series	13
■ EFD Series	14
■ EP & POT Series	15
■ SMD EE/ER/EP/EFD Series	15
共模/差模电感/电流互感器	
<i>Common Mode Choke</i>	16
■ UU/UF & ET/UT & SQ Series	16
■ DM Inductor/ T Series Transformer	17
音频/电信通信/局域网变压器	
<i>Audio / TELE-COM / LAN Transformer</i>	18
电感线圈	
<i>Inductor / Coil</i>	18
空心线圈 / 无线充电线圈/贴片电感/一体成型电感	
<i>Air Coil / Wireless Charge Coil / SMD Inductor / Integrated inductor</i>	19
客户定制产品	
<i>Customized products</i>	19

公司简介

COMPANY INTRODUCTION

Share Electronics Co., Ltd (SECL) is located in a beautiful China southern city of Zhuhai, dedicated in providing customized Products featured by high mix and low volume .

We are committed to servicing customers with our wide selections of products, as well as our expertise to handle customer requirements. SECL is specialized in the design and manufacture of electronics transformer, inductor, coil, choke etc. the products are using in sensing technology, industrial instrumentation, automation , medical industry, motor controller, LED power controller, etc..

There are above 200 employees servicing global customers.

About 80% of our products are exported to North America, Europe, and other countries, Since foundation, SECL has developed and maintained strategic partnership with Fortune 500 companies around the world by providing fast prototypes, high-quality products, rapid response and value-added service.



实力

STRENGTH

Use positive thinking and technological innovation
to improve service level



Sincerity
Innovation
Making Better

Company introduction

珠海厦尔电子有限公司是一家集研发，生产，销售为一体的专业的电子变压器，线圈，电感，生产企业，产品包括全系列的开关电源变压器，线性电源变压器，灌封变压器，各类控制变压器，SMD变压器，音频变压器，通讯变压器，电流传感器，电源滤波器，线圈电感，电焊机专用线圈，空心线圈，无线充电线圈及模块。我们以优良的品质，专业的知识，诚恳的态度，及时服务于众多世界五百强企业，积极参与客户项目的前期研发过程，缩短客户从产品开发到量产的时间。

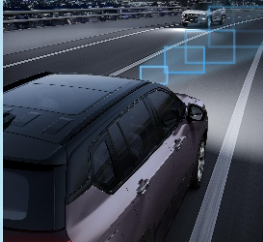
厦尔电子有限公司成立于2004年，坐落在粤港澳大湾区核心城市-美丽的珠海，2008年逆市扩张建立湖南工厂，为广大客户增加产能供应。为更好的服务于国内外客户，2012年成立全资香港子公司并设立办事处，2017年成立欧洲办事处。公司通过ISO9001质量体系认证，产品符合UL，CE，TUV，VDE，CCC等多项国内国际安规认证和ROSH环保要求。

公司秉承“诚信创新，让我们更美好”的理念，坚持公平公正互惠互利的原则，专注产品品质，交期，性价比，客户满意度，真诚地服务广大客户，支持客户发展，成为客户最可信赖的合作伙伴。

优势

Advantages

Use positive thinking and technological innovation to improve service level



Sincerity
Innovation
Making Better

PROFESSIONAL

专业：专注电子变压器,线圈,电感,扼流圈生产行业十多年

Focus on transformer, coil, inductor, choke production more than 10 years

INNOVATION

创新：从客户研发阶段积极介入，改善研发流程，提供多元化解解决方案

actively intervene in the customer R&D stage, provide diversified solutions

R&D

领先：领先的研发实力，卓越的设计能力，高标准的质量成本管控体系

leading R&D strength, excellent design ability, high quality & cost control system

COST

成本：消减成本，缩短供应链

Decrease costs and shortening supply chain

CUSTOMIZATION

定制：多品种，小批量定制化服务

Multiple varieties, small batch customization services

RAPID

快速：基于产品品质符合客户需求的快速打样和快速生产

based on product quality to meet customer needs of rapid proofing and rapid production

历程

Milestone

Use positive thinking and technological innovation
to improve service level

2004

珠海厦尔电子有限公司成立,为客户提供开发,打样,急件,小批量生产
SECL founded and started to offer design, sampling,
urgent production, small batch production

2005

在广东省珠海市建立生产工厂,为客户开始大批量生产变压器,电感,线圈
We settled a factory to making transformers, coils ,chokes for big customers ,
in Zhuhai ,Guangdong China

2008

因市场需求旺盛,在湖南设立新工厂,同时开始导入ERP系统
For the market increasing ,we settled a new factory in Hunan Province.
Starting to implement ERP system

2009

获得ISO9001 国际质量体系认证。
Pass ISO9001 certification and improve quality continuously.

2016

因生产需求,搬入更大的工厂,并提供更大产能,以满足客户需求
For market increasing ,we move to a BIG NEW factory in Zhuhai

2017

部分产品获得 CE/ UL/ / VDE/ TUV/ KEMA 认证。
some products Pass CE/ UL/ / VDE/ TUV/ KEMA certification

2019

我司产品荣获多项国家专利,同时荣获国家高新技术企业认证。
Our products have won a number of national patents, at the same time
won the national high-tech enterprise certification

2020

因生产需求,建立第三分厂
For market increasing , we settled 3rd factory

品质

Quality Assurance

Use positive thinking and technological innovation to improve service level



Sincerity
Innovation
Making Better

厦尔电子致力于成为我们服务领域里的优选供应商，始终关注客户需求。

为实现这个目标，我们竭力根据客户需求进行流程优化及品质管理。设定年度质量管理目标，实行月度监控，汇总分析每周数据，利用SOP，SPC，FMEA等工具进行质量管控，依据ISO9001质量管理体系进行定期和不定期内审。我们有一套完善的产品追溯系统，能快速查找问题根源。

SECL is determined to be a preferred supplier in the industries which we serve and we pay close attention to customer needs.

To achieve our goal, we have been striving to optimize our process and quality management according to customer demands. We set up annual quality goals, implement monthly supervision, Summarize and analyze quality data weekly, use SOP, SPC, FMEA and other tools for quality control, conduct regular and irregular internal audit according to the ISO9001 quality management system. we also have a perfect production tracking system, base on this system, we can find the root cause rapidly.



产品

Productions

Use positive thinking and technological innovation
to improve service level

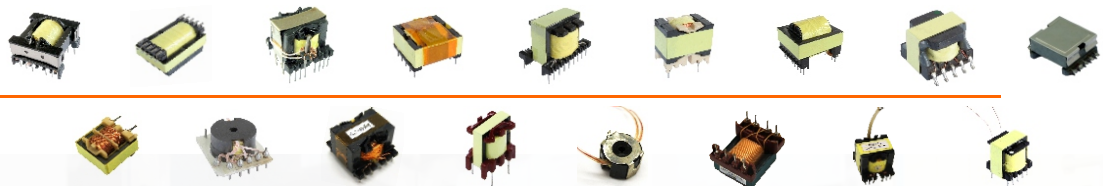
1

线性变压器 LINER POWER



2

开关电源变压器 SWITCHING POWER



3

音频 / 通讯类变压器 Audio / Tele-com



4

电感 / 扼流圈 / 线圈 INDUCTOR/CHOKE/COIL



5

共模电感/差模电感/互感器 CMC/DMC CHOKE / CURRENT TRANSFORMER



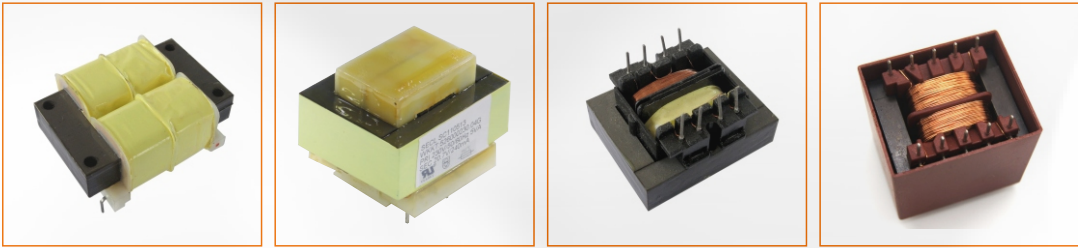
6

空心线圈 / 充电线圈/贴片电感/一体成型电感 AIRE COIL / WIRELESS CHARGING COIL / SMD INDUCTOR



低频电源变压器

Low Frequency Power Transformer



我们生产各种各样的变压器,具有紧凑性和高可靠性,广泛应用于各种消费类和工业类电子产品及其他电子产品及设备。多种硅钢片尺寸,立式,卧式,单槽,多槽等各种型号的骨架可满足设计和使用要求。

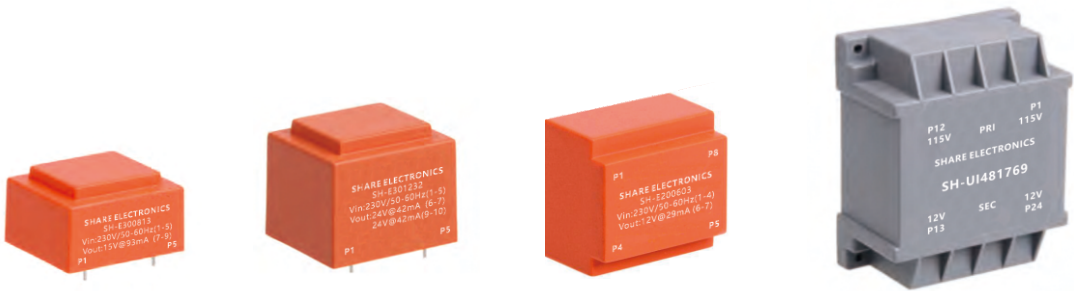
We manufacture a wide variety of transformers featuring compactness and high reliability for consumer and industrial electronics products and for other electronic equipment according to their applications. Matching a large variety of laminated steel sizes, vertical and horizontal bobbins of various types are available to meet optimal design.

Part No.	Output Power(W)
EI28*13.3	1
EI35*15.3	3.5
EI41*20	4
EI48*25.5	14
EI57*25	18
EI66*28	40
EI76*40.5	85
EI96*(32~65)	100~220
EI114*(8~50)	50~400
EI192*110	1800
EI228*100	3000

- 额定输入电压: 50/60Hz 115/230V
Rated Input Votage :50/60Hz 115/230V
- 绝缘等级: B (130°C)
Insulation class: B (130°C)
- 使用温度范围: -25~70°C
Operating Tempereature Range:-25~70°C
- 输出功率: 1-3000W
Output Power: 1-3000W
- 产品种类:
Available Laminated size:
EI28 ~ EI228, UI29-UI48

真空灌封变压器

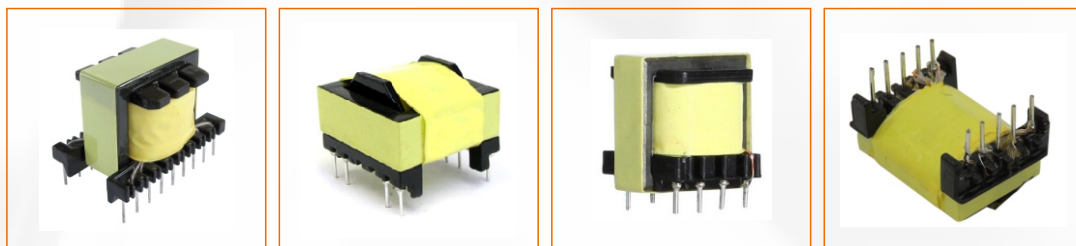
Vacuum Encapsulated Transformer



开关电源变压器

Switching Power Supply Transformer

EE & EI Series



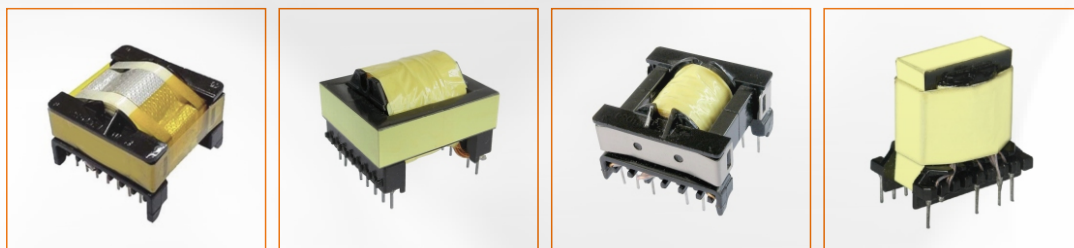
我们生产各种各样的变压器,具有紧凑性和高可靠性,广泛应用于各种消费类,工业类,通讯类电子产品及其他电子产品和设备。有多种磁芯尺寸,立式,卧式,单槽,多槽等各种型号的骨架可满足设计和使用要求。

We manufacture a wide variety of transformers featuring compactness and high reliability for consumer, industrial electronics, communication equipment and other electronic equipment according to their applications. Matching a large variety of ferrite core sizes, vertical and horizontal bobbins of various types are available to meet optimal design.

Core Type	Max External Dimensions (mm)			Output Power(W) Max $\Delta T=45^{\circ}\text{C}$ Max		
	W	D	H	25kHz	50kHz	100kHz
EI12.5	13	13	9.5	2	4	8
EI16	18	14	17	7	14	26
EI19	20.5	17	17	10	20	36
EI22	23	17	20.5	14	26	46
EI25	26	18.5	23	22	37	64
EI28	30	25.5	23	33	60	91
EI30	31	26	29	54	95	138
EI33	34	29	31.5	75	125	179
EI35	35.5	26	31	69	119	175
EI40	40.5	30	36	111	195	297
EE10	10.5	10.5	11.5		4.8	9.2
EE13	13.5	13	12.5		9	16
EE16	18	14	17		17	31
EE20	20.5	17	17		21	39
EE25	26	18.5	23		37	65
EE30	31	26	29		73	118
EE42	46	33.5	47		257	373

- 耐电压水平: Max AC 4KV 1min
Withstand Voltage Level :Max AC 4KV 1min
- 绝缘电阻: DC500V 100M Ω min
Insulation Resistance: DC500V 100M Ω min
- 输出功率: 2-373W
Output Power: 2-373W
- 绝缘等级: B (130 $^{\circ}\text{C}$) , F(155 $^{\circ}\text{C}$)
Insulation class: B (130 $^{\circ}\text{C}$) , F(155 $^{\circ}\text{C}$)
- 使用温度范围: -25~70 $^{\circ}\text{C}$
Operating Temperature Range:-25~70 $^{\circ}\text{C}$
- 产品种类:
Available Ferrite Core size:
EE10 ~ EE42
EI12.5 ~ EI40

ER & ETD Series



我们生产各种各样的变压器,具有紧凑性和高可靠性,广泛应用于各种消费类,工业类,通讯类电子产品及其他电子产品和设备。有多种磁芯尺寸,立式,卧式,单槽,多槽等各种型号的骨架可满足设计和使用要求。

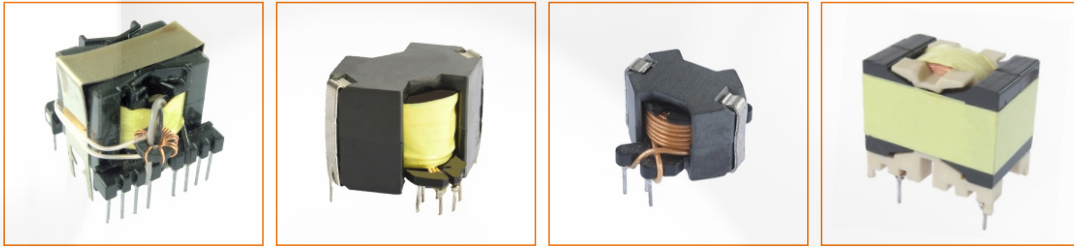
We manufacture a wide variety of transformers featuring compactness and high reliability for consumer, industrial electronics, communication equipment and other electronic equipment according to their applications. Matching a large variety of ferrite core sizes, vertical and horizontal bobbins of various types are available to meet optimal design.

- 耐电压水平: Max AC 4KV 1min
Withstand Voltage Level :Max AC 4KV 1min
- 输出功率: 25-1000W
Output Power: 25-1000W
- 使用温度范围: -25~70°C
Operating Temperature Range:-25~70°C
- 绝缘电阻: DC500V 100MΩ min
Insulation Resistance: DC500V 100MΩ min
- 绝缘等级: B (130°C) , F(155°C)
Insulation class: B (130°C) , F(155°C)
- 产品种类:
Available Ferrite Core size:
ER7.5 ~ ER54
ETD29 ~ ETD59

Core Type	Max External Dimensions (mm)			Output Power(W) Max $\Delta T=45^{\circ}\text{C}$ Max		
	W	D	H	25kHz	50kHz	100kHz
ER25.5	25	20	21	25	46	79
ER28	30	23	29	55	99	148
ER28L	30	23	35	62	110	170
ER35	36	29	44	70	185	278
ER40	41	30	46	159	249	363
ER42/42/15	43	37	46	172	274	282
ER42/42/20	43	37	46	195	319	459
ETD29	38	38	26	130	260	390
ETD34	44	37.5	30	145	290	435
ETD39	46.5	45	34	163	320	480
ETD44	50	52.5	40.5	200	400	600
ETD49	56.5	55	51.5	260	520	780
ETD59	72.5	68	46	350	700	1000



PQ & RM Series



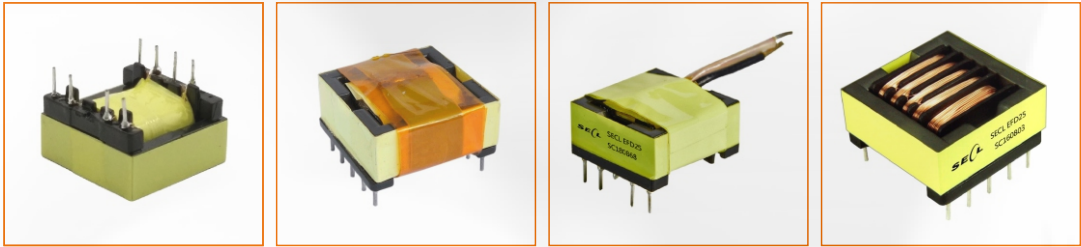
我们生产各种各样的变压器,具有紧凑性和高可靠性,广泛应用于各种消费类,工业类,通讯类电子产品及其他电子产品和设备。有多种磁芯尺寸,立式,卧式,单槽,多槽等各种型号的骨架可满足设计和使用要求。

We manufacture a wide variety of transformers featuring compactness and high reliability for consumer, industrial electronics, communication equipment and other electronic equipment according to their applications. Matching a large variety of ferrite core sizes, vertical and horizontal bobbins of various types are available to meet optimal design.

Core Type	Max External Dimensions (mm)			Output Power(W) Max $\Delta T=45^{\circ}\text{C}$ Max	
	W	D	H	50kHz	100kHz
PQ20/20	23	23	22.5	55	80
PQ26/20	27	30	23	95	136
PQ26/25	27	30	30	107	160
PQ32/20	32	34	23	133	190
PQ32/30	32	34	33	186	261
PQ35/35	35	39	38	267	357
PQ40/40	40	42	43	386	525
PQ50/50	51	51	52	524	980
RM4	10	10	10	3.6	6.8
RM5	13	13	10	8	15
RM6	15	15	13	14	25
RM8	25	25	19	39	58
RM10	30	30	24	78	111
RM12	39	39	25	130	200
RM14	44	43	32	227	318

- 耐电压水平: Max AC 4KV 1min
Withstand Voltage Level :Max AC 4KV 1min
- 绝缘电阻: DC500V 100M Ω min
Insulation Resistance: DC500V 100M Ω min
- 输出功率: 3.6-524W
Output Power: 3.6-524W
- 绝缘等级: B (130 $^{\circ}\text{C}$) , F(155 $^{\circ}\text{C}$)
Insulation class: B (130 $^{\circ}\text{C}$) , F(155 $^{\circ}\text{C}$)
- 使用温度范围: -25~70 $^{\circ}\text{C}$
Operating Temperature Range:-25~70 $^{\circ}\text{C}$
- 产品种类:
Available Ferrite Core size :
PQ20 ~ PQ50
RM4 ~ RM14

EFD Series



我们生产各种各样的变压器,具有紧凑性和高可靠性,广泛应用于各种消费类,工业类,通讯类电子产品及其他电子产品和设备。有多种磁芯尺寸,立式,卧式,单槽,多槽等各种型号的骨架可满足设计和使用要求。

We manufacture a wide variety of transformers featuring compactness and high reliability for consumer, industrial electronics, communication equipment and other electronic equipment according to their applications. Matching a large variety of ferrite core sizes, vertical and horizontal bobbins of various types are available to meet optimal design.

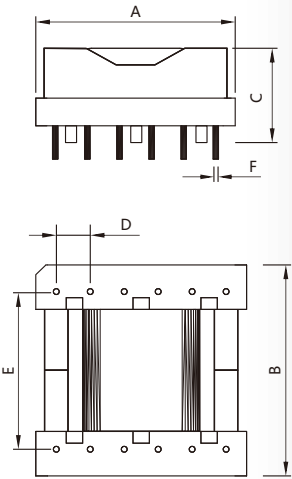
- 耐电压水平: Max AC 4KV 1min
Withstand Voltage Level :Max AC 4KV 1min

■ 绝缘电阻: DC500V 100MΩ min
Insulation Resistance: DC500V 100MΩ min
- 输出功率: 5-70W
Output Power: 5-70W

■ 绝缘等级: B (130°C) , F(155°C)
Insulation class: B (130°C) , F(155°C)
- 使用温度范围: -25~70°C
Operating Temperature Range:-25~70°C

■ 产品种类:
Available Ferrite Core size:
EFD10.5 ~ EFD30

Part Number	PINs	Dimensions(mm)						Max. output (W)
		A	B	C	D	E	F	
EFD 15-A	8	17	18	9.5	3.7	13.7	0.6	5
EFD 15-B	8	17	18	9.5	3.75	13.75	0.6	5
EFD 15-C	8	17	18	9.5	3.8	13.7	0.6	5
EFD 20-A	8	22	23	11.0	5.0	17.5	0.6	18
EFD 20-B	9	22	23	11.0	5.0	17.5	0.6	18
EFD 20-C	10	22	26	15.0	3.8	23.8	0.6	18
EFD 25-A	10	27	28	13.0	5.0	22.45	0.8	45
EFD 25-B	10	27	28	15.0	5.0	22.5	0.8	45
EFD 30-A	12	32	33	14.0	5.0	27.4	0.8	70
EFD 30-B	12	32	36	18.0	5.0	30.0	0.8	70
EFD 30-C	12	32	37	14.0	5.0	32.0	0.8	70



EP & POT Series



- 耐电压水平: Max AC 4KV 1min
Withstand Voltage Level :Max AC 4KV 1min
- 绝缘电阻: DC500V 100MΩ min
Insulation Resistance: DC500V 100MΩ min
- 产品种类:
Available Ferrite Core size:
EP6 ~ EP18
P9 ~ P14
- 绝缘等级: B (130°C) , F(155°C)
Insulation class: B (130°C) , F(155°C)
- 使用温度范围: -25~70°C
Operating Temperature Range:-25~70°C

SMD EE/ER/EP/EFD Series

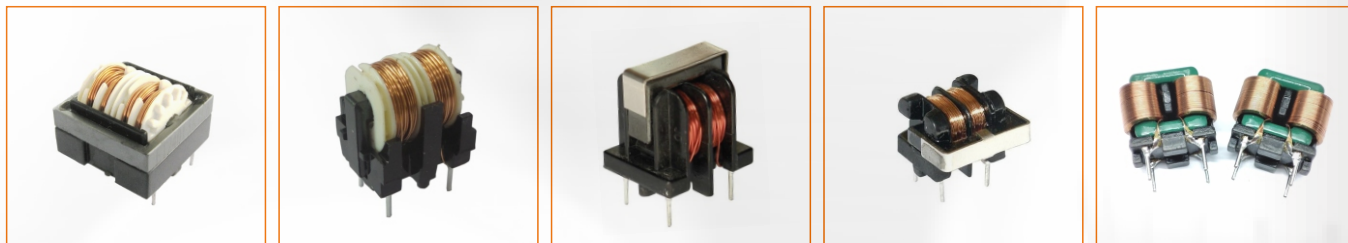


Core Type	Max External Dimensions (mm)			Output Power(W) ΔT=45°C Max
	W	D	H	100kHz
ER9.5	10	9	6	2.5W MAX
ER11.5(8Pin)	12	12	6	5W MAX
ER11.5(10Pin)	12	13	6	5W MAX
ER14.5(10Pin)	15.5	13	8	12W MAX
ER14.5(12Pin)	17	16.3	8	12W MAX
EFD15	16	22	8	15W MAX
EFD20(10Pin)	23	26	11	20W MAX
EFD20(12Pin)	23	26	11	20W MAX
EFD25(10Pin)	28	32	14	30W MAX
EFD25(12Pin)	28	32	14	30W MAX
EP7(6Pin)	7.4	9.3	9.6	3W MAX
EP10(8Pin)	11	11	11.8	5W MAX
EP13(10Pin)	13.5	13.2	12.7	10W MAX
EP17(8Pin)	19	19	15.7	20W MAX
EP20(10Pin)	22	25.1	19.6	30W MAX

共模电感

Common Mode Choke

UU/UF & ET/UT & SQ Series



- 耐电压水平: Max AC 2KV 1min
Withstand Voltage Level :Max AC 2KV 1min
- 绝缘电阻: DC500V 100MΩ min
Insulation Resistance: DC500V 100MΩ min
- 额定电压: AC/DC 250V
Rated Voltage: AC/DC 250V
- 绝缘等级: B (130°C) , F(155°C)
Insulation class: B (130°C) , F(155°C)
- 使用温度范围: -25~80°C
Operating Temperature Range:-25~80°C
- 最小电感范围: 0.5~85mH @ 1kHz
Min Inductance Range: 0.5~85mH @ 1kHz
- 额定电流范围: 0.1~20A
Rated Current Range: 0.1~20A

Core Type	Max External Dimensions (mm)			Inductance (mH) MIN 1 kHz 1V	Rated Current (A)
	W	D	H		
UF9.8-V	18	12	17	0.5-10	0.1-1.0
UF9.8-H	18	16	12		
UF10.5-V	20	18	22	0.6-10	0.3-2.0
UF10.5-H	20	18	16		
ET24-V	27	19	31	4.0-57	0.5-2.0
ET24-H	27	27	21		
ET28-V	30	22	35	3.3-70	0.7-3.5
ET28-H	30	30	25		
ET35-V	37	27	44	4.7-85	1.0-5.5
ET35-H	37	37	33		
SQ1010	14.5	9.5	14	10 Min	1.0-3.0
SQ1012	15	8.5	15		
SQ1212	18.5/17.5	10.5/11.5	18/15	2.0-25	0.7-3.5
SQ1314	19	12	20	10-25 Min	1.3-1.8
SQ1515	21	15.5	20.5	1.0-40 Min	1.0-7.0
SQ1918	37/21	37/13.5	33/17	0.5-30 Min	1.0-10
SQ2418	25/24	15.5/27	32/16	0.5-35 Min	2.0-11.5
SQ2820	27/27	32/16	17.5/36	1.5-12 Min	4.5-12
SQ3324	30.5/32	34/17.5	20/42	1.0-9.0 Min	10-18

差模电感/磁环变压器

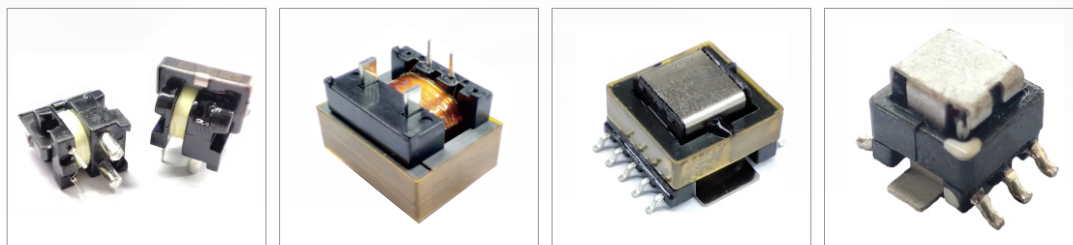
DM Inductor/ T Series Transformer



- 耐电压水平: Max AC 2KV 1min
Withstand Voltage Level :Max AC 2KV 1min
- 额定电压: AC/DC 250V
Rated Voltage: AC/DC 250V
- 使用温度范围: -25~80°C
Operating Temperature Range:-25~80°C
- 额定电流范围: 0.2~100A
Rated Current Range: 0.2~100A
- 绝缘电阻: DC500V 100MΩ min
Insulation Resistance: DC500V 100MΩ min
- 绝缘等级: B (130°C) , F(155°C), H(180°C)
Insulation class: B (130°C) , F(155°C), H(180°C)
- 最小电感范围: 0.01~2000mH @ 1kHz
Min Inductance Range: 0.01~2000mH @ 1kHz

互感器

Current Transformer



- 使用温度范围: -20~60°C
Operating Temperature Range:-20~60°C
- 额定电流范围: 5.0A ~ 100A
Rated Current Range: 5.00 ~ 100 A
- 绝缘等级: B (130°C) / F (150°C)
Insulation class: B (130°C) F (150°C)
- 匝比值范围: 100~3000 (可定制)
Turns Ratio Range: 100~3000 (Accept Customization)

Current transformer Core Type	Current(A)	Turns Ratio (customization)	Remark
EE5.0	15	100: 1	SMD
UU9.8	40	100: 1	Straight PIN
UU10.5	15	100: 1	Straight PIN
EI19	20	1000: 1	Straight PIN
EI24	40	1200: 1	Straight PIN
EI28	10	1500: 1	Straight PIN
EI30	60	1000: 1	Straight PIN

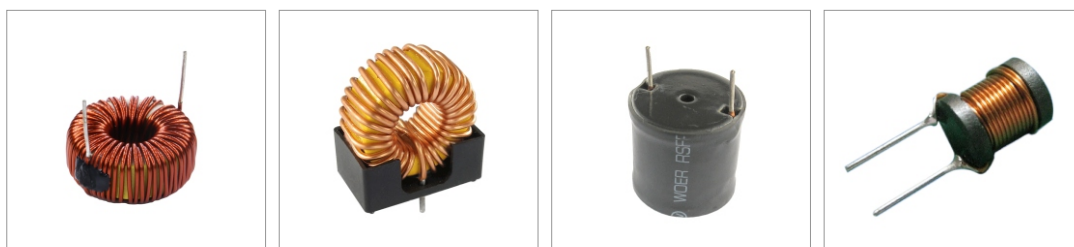
音频/电信通信/局域网变压器 Audio / TELE-COM / LAN Transformer



- 阻抗范围: 1Ω to 100KΩ+
Impedance range: 1Ω to 100KΩ+
- 工作频率: 20Hz-20KHz+
Working Frequency: 20Hz-20KHz+
- 插入损耗: <1dB
Insertion loss: down to 1dB

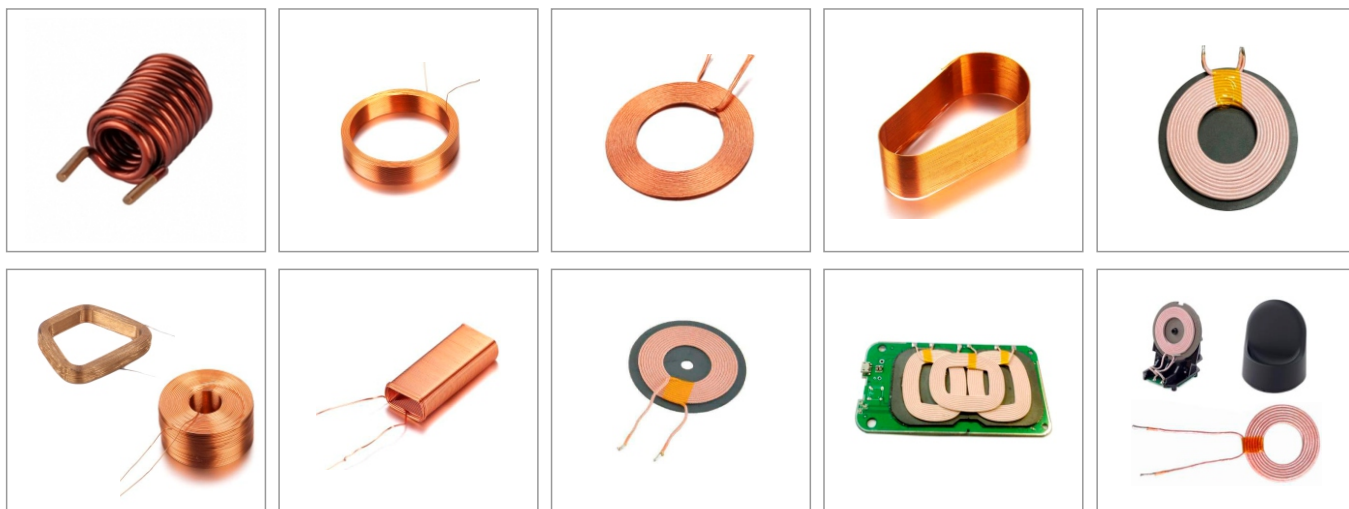
- 产品种类:
Available core size:
 - EE/EWI-8 to EI-133
 - EFD-12.5 to EFD-25
 - RM-4 to RM14
 - EP-7 to EP-20
 - POT-6 to POT-30
 - ED-8, ED-8LE, ED12.6, ED16, ED20, ED25
for Nickole lamination core

电感线圈 Inductor / Coil



- 使用温度范围: -20~60°C
Operating Temperature Range: -20~60°C
- 额定电流范围: 0.42~5.5A
Rated Current Range: 0.42~5.5A
- 绝缘等级: B (130°C)
Insulation class: B (130°C)
- 最小电感范围: 1.2uH~1mH @ 1kHz
Min Inductance Range: 1.2uH~1mH @ 1kHz

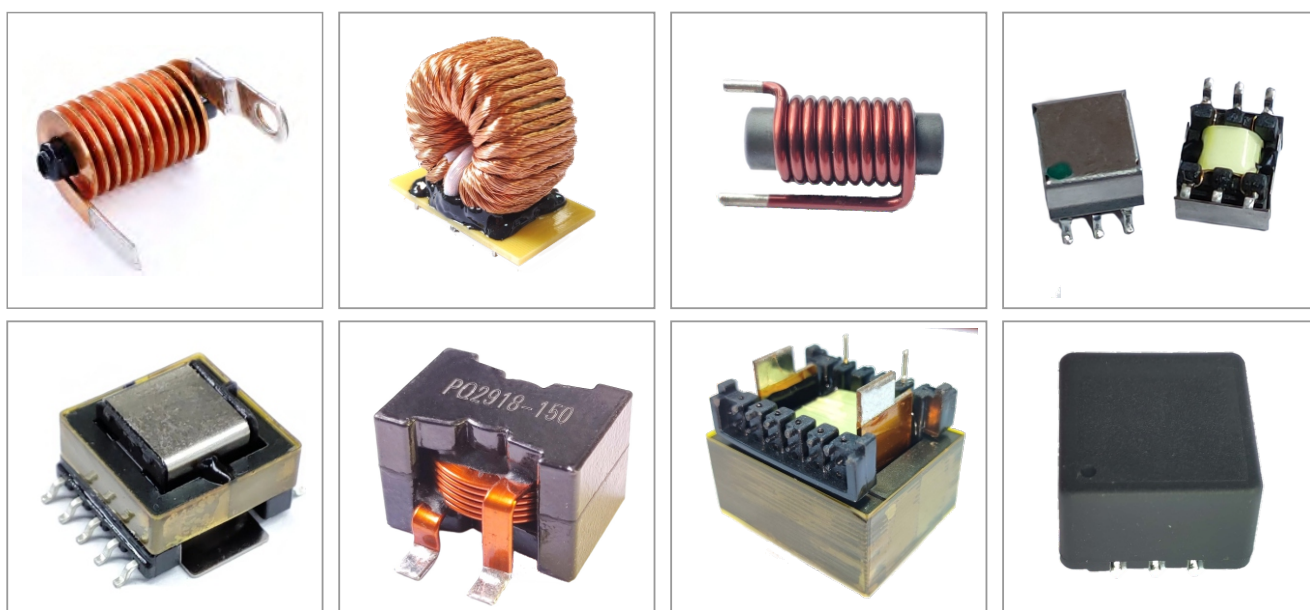
空心线圈 / 无线充电线圈 Air Coil / Wireless Charge Coil



贴片电感 / 一体成型电感 SMD Inductor / Integrated inductor



客户定制产品 Customized Products





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