



INDUCTIONS AND TRANSFORMERS

ISO9001 Certification



东莞市奇卡纳电子科技有限公司
Dongguan Chikara Electronics Technology Co.,Ltd

成立于2016年，位于广东省东莞市，是由2012创建的香港前进电子有限公司因业务扩大而成立的。我司是一家集自主研发，生产，销售能力于一体的科技技术型公司。

Located in Dongguan City, Guangdong Province, Dongguan Chikara Electronic Technology Co., Ltd. was found in 2016. The company was established due to expand more business by Hongkong Forward Electronics Co., Ltd(2012). Our company is a technology company which including integrating R & D, production and sales capabilities.

公司占地总面积为1万1千平方米，其中江西工厂占地面积为1万平方米，东莞加上香港公司两处面积为1000平方米，目前总员工200余人，其中管理和技术超过40人。公司拥有先进的自动化生产设备，行业领先的仪器检测设备，严谨和善于创新的中高级管理技术人才，规范化的经营管理体制。

The company total covers an area of 11000 square meters of which Jiangxi factory covers an area of 10,000 thousand square meters, Dongguan and Hongkong company covers area of 1000 square meters, Now the company staff of more than 200 peoples, management and technicians more than 40. Chikara has advanced automation production, industry leading instrument testing equipments, the strict and innovative of the middle and advanced management technicians, standardized management system.

自公司成立以来，始终坚持品质放在第一位，秉承“客户至上”的原则，为全世界顾客提供更全面更优质的服务。We have always adhered to the principle of "Quality First, Customer First, Service foremost" to the customers all over the world.



Sales & Technical support: Guangdong | China

Factory: Jiangxi | China

企业精神：品质、创新、高效、诚信、双赢

经营理念：为员工实现自我价值，为客户创造价值，回报社会

企业愿景：成为客户最可靠的合作伙伴，成为全球最可靠的电子元器件供应商

Enterprise spirit: Quality ,Innovation ,Efficiency ,Integrity ,Win-Win

Business Concepts : Realize Self-Worth For Employees, Create Value For Customer, Return Society.

Enterprise vision : Become The Most Reliable Partner For Customer, Become The Most Reliable Electronics Components Vendor

SP01 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, STB, Projector etc as DC-DC converter inductors.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP01-0603	6.3	6.2	3.0	2.5-100	2.6-0.4
SP01-1003	10.5	10.3	3.0	0.8-150	9.0-0.7
SP01-1004	10.5	10.3	4.0	1.0-1000	12.1-0.46
SP01-1005	10.5	10.3	5.0	0.68-330	13.5-0.75

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP02-1108	10.8	9.2	8.0	0.30-6.8	42.5-8.5
SP02-1308	13.4	13.4	8.0	0.46-22	50-7.5

※Applications: Suitable for high frequency applications.
Computing, communications and Industrial applications.



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-55°C to +135°C
(Temperature rise included)

SP02 Series



SP03 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications: DC/DC converter for CPU in notebook PC.
LCD displays, HDDs, SSDs, DSCs, PDAs etc.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP03-0302	3.0	2.8	2.5	1.0-1200	2.7-0.08
SP03-0403	4.5	4.0	3.2	1.0-1000	5.5-0.13
SP03-0503	5.0	4.8	3.0	10-15000	1.6-0.032
SP03-0603	5.8	5.8	3.9	1.5-470	3.5-0.26
SP03-0605	5.8	5.8	4.8	1.2-1000	7.3-0.12
SP03-0805	7.8	7.8	5.3	1.5-4700	9.1-0.15
SP03-1006	9.8	9.8	5.8	1.5-2200	10-0.36
SP03-1307	13.5	13.5	7.5	1.5-1000	20-1.0

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP04-0703	7.3	7.3	3.55	1.0-1000	7.97-0.25
SP04-0704	7.3	7.3	4.35	1.0-1000	10.2-0.31

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, STB, Projector etc as DC-DC converter inductors.



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

SP04 Series



SP05 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, Servers, Projector etc as DC-DC converter inductors.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP05-1205	12.3	12.3	4.5	1.0-1000	18-0.53
SP05-1206	12.3	12.3	6.0	1.0-120000	23.6-0.069
SP05-1208	12.3	12.3	8.0	1.0-1000	40-1.14
SP05-1210	12.3	12.3	10.0	1.0-2200	25-0.75

SP06 Series



Moisture sensitivity level: 1

Storage Temperature:
-45°C to +85°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications:

DC/DC converter for CPU in notebook PC.

LCD displays, HDDs, SSDs, DSCs, PDAs etc.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP06-030012	3.0	3.0	1.2	0.22-100	6.0-0.23
SP06-030015	3.0	3.0	1.5	0.50-150	4.2-0.22
SP06-040018	4.0	4.0	1.8	0.47-220	5.2-0.30
SP06-040020	4.0	4.0	2.0	0.24-100	12.5-0.53
SP06-040026	4.0	4.0	2.6	1.0-47	3.8-0.55
SP06-040030	4.0	4.0	3.0	0.68-680	8.0-0.23
SP06-050020	5.0	5.0	2.0	0.47-200	6.7-0.33
SP06-050040	5.0	5.0	4.0	1.0-1000	8.0-0.25
SP06-060020	6.0	6.0	2.0	0.68-47	7.8-0.9
SP06-060028	6.0	6.0	2.8	0.82-1000	9.0-0.22
SP06-060045	6.0	6.0	4.5	0.47-1500	16.5-0.27
SP06-060055	6.0	6.0	5.5	3.3-330	6.0-0.65
SP06-080040	8.0	8.0	4.0	0.82-1000	16-0.50
SP06-080050	8.0	8.0	5.0	1.0-470	16-0.80
SP06-080065	8.0	8.0	6.3	100-10000	2.15-0.20

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP07-2010	2.0	1.6	1.08	0.24-15	5.5-0.75
SP07-2510	2.5	2.0	1.05	0.24-10	7.1-1.0
SP07-2512	2.5	2.0	1.26	0.24-10	7.8-1.35
SP07-030012	3.0	3.0	1.20	0.22-22	10-1.15
SP07-030015	3.0	3.0	1.55	0.22-47	11-0.86
SP07-030020	3.0	3.0	2.20	0.24-10	14.5-3.0
SP07-040012	4.0	4.0	1.20	0.47-22	8.2-1.25
SP07-040020	4.0	4.0	2.00	0.24-47	17-1.3



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications:

Suitable for high frequency applications.
Smartphone, tablet PC and communications applications.

SP07 Series



SP08 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications:

Application frequency range up to 10MHz.

Industrial electronics and communications applications.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP08-1304	12.95	9.4	3.50	10-1000	2.4-0.1
SP08-1305	12.95	9.4	5.21	1.0-1000	9.0-0.3
SP08-1311	12.95	9.4	11.43	10-1000	8.0-0.8
SP08-1907	18.54	15.24	7.11	1.0-1000	20-1.0

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP09-8028	8.0	8.0	3.1	2.5-220	5.0-0.55
SP09-8038	8.0	8.0	4.0	1.8-100	7.0-1.05
SP09-8043	8.0	8.0	4.5	1.2-100	8.0-1.3
SP09-8058	8.0	8.0	6.0	2.8-100	4.7-0.8



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, STB, Projector etc as DC-DC converter inductors.

SP09 Series



SP10 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, STB, Projector etc as DC-DC converter inductors.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP10-060028	6.2	6.2	3.0	4.7-100	1.6-0.42
SP10-060045	6.2	6.2	4.8	1.5-22	4.0-1.1
SP10-070032	7.2	7.2	3.4	3.3-1000	1.9-0.13
SP10-070045	7.2	7.2	4.8	3.3-1000	2.5-0.14
SP10-101045	10.4	10.4	4.8	3.3-1500	4.9-0.22
SP10-101065	10.4	10.4	6.8	1.5-22	6.8-2.4
SP10-125065	12.8	12.8	6.85	2.0-150	10-1.0

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP11-130051	9.4	12.95	5.08	1.0-47	5.6-1.0
SP11-185076	15.24	18.54	7.62	10-1000	8.0-0.8

※Applications: Ideally used in Notebook PC, LCD TV, Game machine, Servers, Projector etc as DC-DC converter inductors.



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

SP11 Series



SP12 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP12-1508	15.0	15.0	8.6	10-1000	14.7-1.4
SP12-1514	15.0	15.0	14.5	2.5-1000	30.5-1.63

※Applications: Suitable for high frequency applications.
Computing, communications and Industrial applications.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP13-2816A	27.9	27.9	15.9	1.5-33	100-2.0
SP13-2816B	27.9	27.9	15.9	2.0-33	100-4.0
SP13-2820A	27.9	27.9	20.0	3.3-470	89-4.5

※Applications: Suitable for high frequency applications.
Computing, communications and Industrial applications.

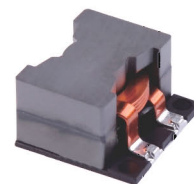


Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

SP13 Series



SP14 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP14-057018	5.4	5.2	1.8	0.47-10	15.5-3.0
SP14-057030	5.4	5.2	3.0	0.10-10	33-3.5
SP14-070024	7.0	6.6	2.4	0.22-22	34-2.5
SP14-070030	7.0	6.6	3.0	0.22-33	34-2.5
SP14-070040	7.0	6.6	4.0	0.22-22	35-4.0
SP14-138040	13.3	12.6	4.0	0.68-4.7	47-18
SP14-138050	13.3	12.6	5.0	0.68-47	46.5-5.0
SP14-138060	13.3	12.6	6.0	4.7-150	24-2.7

※Applications:
Suitable for high frequency applications.
Computing, communications and Industrial applications.

SP15 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications:

Suitable for high frequency applications.
Computing,communications and Industrial applications.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP15-037012	3.4	3.0	1.2	0.12-10	17-1.5
SP15-037020	3.4	3.0	2.0	0.22-4.7	16-3.3
SP15-047012	4.4	4.0	1.2	0.33-3.3	14-4.5
SP15-047020	4.4	4.0	2.0	0.22-22	20-1.8

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SP16-2010A	2.0	1.6	1.00	0.24-2.2	4.8-1.9
SP16-2010B	2.0	1.6	1.00	0.24-2.2	6.0-1.9
SP16-2012A	2.0	1.6	1.20	0.24-2.2	5.3-2.0
SP16-2012B	2.0	1.6	1.20	0.24-2.2	6.5-2.0
SP16-2510A	2.5	2.0	1.00	0.22-2.2	6.6-2.4
SP16-2510B	2.5	2.0	1.00	0.22-2.2	8.5-2.6
SP16-2512A	2.5	2.0	1.20	0.22-2.2	8.5-2.5
SP16-2512B	2.5	2.0	1.20	0.22-2.2	8.5-2.7



Moisture sensitivity level: 1

Storage Temperature:
-55°C to +125°C

Operating Temperature:
-55°C to +125°C
(Temperature rise included)

※Applications:

Ideally used in Notebook PC, LCD TV,Game machine, Servers,Projector etc as DC-DC converter inductors.

SP16 Series



DP01 Series



Moisture sensitivity level: 1

Storage Temperature:
-55°C to +130°C

Operating Temperature:
-55°C to +130°C
(Temperature rise included)

※Applications:

Suitable for high frequency applications.
Computing,communications and Industrial applications.

Type	ØW	H	Inductance Range	DC Current Range
	mm	mm	μH	A
DP01-1721	16.8	21.3	10-560	28-3.7
DP01-2122	21.0	21.5	10-2200	33-2.2
DP01-2627	26.0	27.0	47-4700	25-2.5
DP01-4128	40.5	28.0	47-15000	40-1.9
DP01-4138	40.5	38.0	220-15000	21.5-2.6
DP01-5038	50.0	38.0	680-47000	14-1.6

Type	ØW	H	Inductance Range	DC Current Range
	mm	mm	μH	A
DP02-0609	6.0	8.5	3.3-1000	6.0-0.35
DP02-0807	7.5	7.0	3.3-1000	5.5-0.34
DP02-0908	9.0	8.0	3.3-1000	12.3-0.72
DP02-0910	9.0	10.0	3.3-1000	12-0.72
DP02-1014	9.5	13.5	3.3-1000	11.7-0.70
DP02-1211	11.5	11.0	3.3-1000	14-0.84



Moisture sensitivity level: 1

Storage Temperature:
-55°C to +130°C

Operating Temperature:
-55°C to +130°C
(Temperature rise included)

※Applications:

Ideally used in Notebook PC, LCD TV,Game machine, Servers,Projector etc as DC-DC converter inductors.

DP02 Series



DP03 Series



Moisture sensitivity level: 1

Storage Temperature:
-55°C to +150°C

Operating Temperature:
-55°C to +150°C
(Temperature rise included)

※Applications:

Suitable for high frequency applications.
Computing,communications and Industrial applications.

Type	ØW	H	Inductance Range	DC Current Range
	mm	mm	μH	A
DP03-035130	3.8	13.5	2.3	5.0
DP03-040130	4.3	13.5	2.2	6.5
DP03-045130	5.0	13.5	2.3	9.0
DP03-060200	6.5	20.5	5.9	8.2
DP03-125300	13.0	30.5	4.7	25

SCM01 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°COperating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SCM01-1005	9.5	5.65	4.9	11-4700	0.7-0.2

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SCM02-2010	19.6	17	9.91	590-1470	5.6-2.8

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.

SCM02 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°COperating Temperature:
-40°C to +125°C
(Temperature rise included)

SCM03 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°COperating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Impedance Range@100MHz	DC Current Range
	mm	mm	mm	Ω	A
SCM03-020012	2.0	1.2	1.2	67-900	0.4-0.2
SCM03-032019	3.2	1.6	1.9	67-2200	0.4-0.2
SCM03-032022	3.2	2.5	2.2	90-1000	1.5-1.5
SCM03-045028	4.5	3.2	2.8	90-1000	1.5-2.0

※Applications:

High common mode noise suppression at high frequencies.
High Speed Data Lines.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SCM04-9225	9.2	6.6	2.5	22-100	0.7-0.5

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.

SCM04 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°COperating Temperature:
-40°C to +125°C
(Temperature rise included)

SCM05 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +85°COperating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SCM05-6517	6.5	3.6	1.65	10-330	0.3-0.3
SCM05-9250	9.2	6.0	5.0	10-6500	1.6-0.4

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.

SCM06 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SCM06-100065R	10	8.7	6.5	100-1000	3.0-0.95
SCM06-100065T	10	8.7	6.5	2200-4700	0.75-0.35

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.

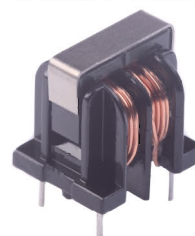
Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
DCM01-1921	19	17.0	21	700-13600	2.3-0.5
DCM01-2328	23	19.5	28	2100-22000	2.2-0.6

※Applications:

Current compensated choke for data and signal lines.
Suppression for common mode noise.



DCM01 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

DCM02 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
DCM02-2219	22	22	18.5	1800-47000	2.0-0.3
DCM02-2622	26	26	21.5	2300-62000	2.4-0.3

※Applications:

Power line in-and output filter.
Suppression of common mode noise.

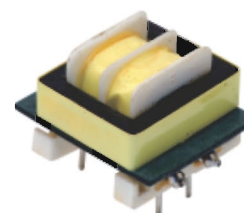
Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
DCM03-2417	23.62	22.35	17.02	47-68000	3.5-0.13

※Applications:

Power line in-and output filter.
Suppression of common mode noise.



DCM03 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

DCM04 Series



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
DCM04-1005	12.5	8	12.5	3.6-240	1.7-0.45

※Applications:

Power line in-and output filter.
Suppression of common mode noise.



Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

※Applications:

For SEPIC and CUK topologies.
Common mode applications.

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SC01-1206	12.2	12.2	6.0	4.7-1000	10.3-0.69
SC01-1208	12.2	12.2	7.8	4.7-1000	14.9-1.1
SC01-1514	15.5	15.5	14.2	2.5-1000	30.5-1.63

AUTOMOTIVE APPLICATION (SMD/DIP)

Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SPA01-1003	10.5	10.3	3.0	0.8-150	9.0-0.7
SPA01-1004	10.5	10.3	4.0	1.0-1000	12.1-0.46
SPA01-1005	10.5	10.3	5.0	0.68-330	13.5-0.75

Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

AEC-Q200 qualified

※Applications:

Small motor drivers & wiper control systems.
Air conditioning, climate control units, fan controls.



SPA01 Series



Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SPA02-8028	8.0	8.0	3.1	2.5-220	5.0-0.55
SPA02-8038	8.0	8.0	4.0	1.8-100	7.0-1.05
SPA02-8043	8.0	8.0	4.5	1.2-100	8.0-1.3
SPA02-8058	8.0	8.0	6.0	2.8-100	4.7-0.8

Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

AEC-Q200 qualified

※Applications:

Small motor drivers & wiper control systems.
Air conditioning, climate control units, fan controls.



SPA02 Series



Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SPA03-1205	12.3	12.3	4.5	1.0-1000	18-0.53
SPA03-1206	12.3	12.3	6.0	1.0-120000	23.6-0.069
SPA03-1208	12.3	12.3	8.0	1.0-1000	40-1.14
SPA03-1210	12.3	12.3	10.0	1.0-2200	25-0.75

Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

AEC-Q200 qualified

※Applications:

Small motor drivers & wiper control systems.
Air conditioning, climate control units, fan controls.



SPA03 Series



Type	L	W	H	Inductance Range	DC Current Range
	mm	mm	mm	μH	A
SPA04-1508	15.0	15.0	8.6	10-1000	14.7-1.4
SPA04-1514	15.0	15.0	14.5	2.5-1000	30.5-1.63

Moisture sensitivity level: 1

Storage Temperature:
-40°C to +125°C

Operating Temperature:
-40°C to +125°C
(Temperature rise included)

AEC-Q200 qualified

※Applications:

Small motor drivers & wiper control systems.
Air conditioning, climate control units, fan controls.

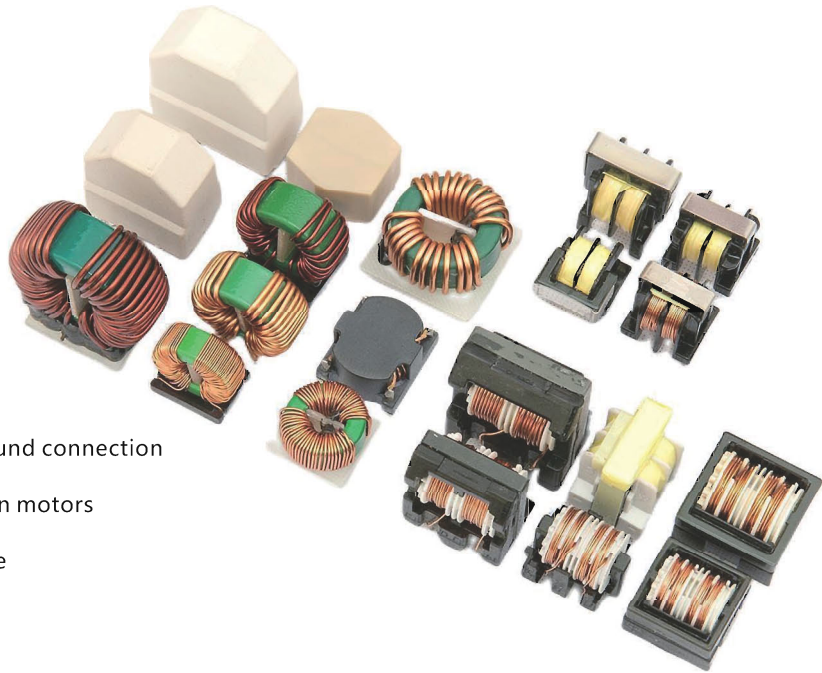


SPA04 Series



※Applications:

- Power electronics
- Power line in- and output filter
- Filtering of devices without any ground connection
- Suppression of radio interferences in motors
- Suppression of common mode noise



Products can be customized according to customer needs

TRANSFORMERS(SMD/DIP)

※Applications:

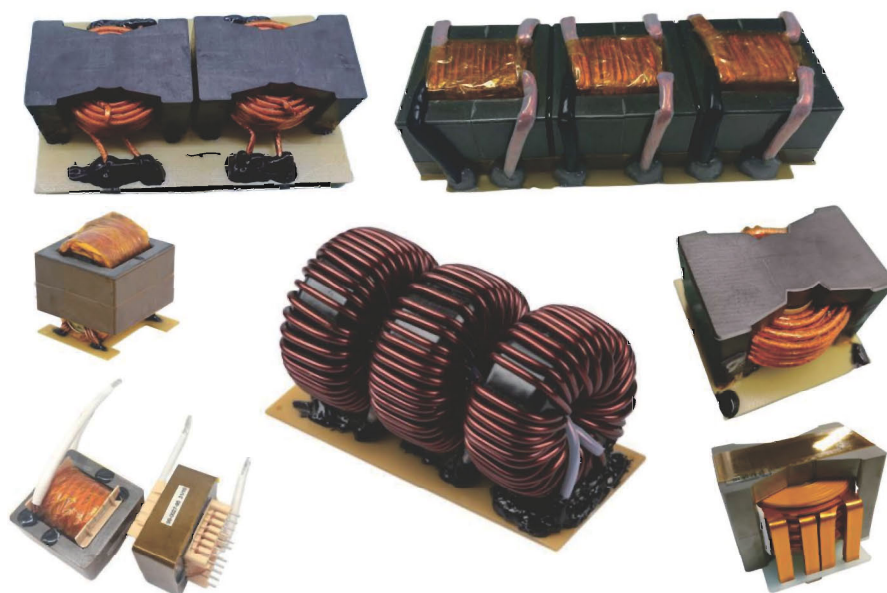
- Offline Switching Power
- Power Electronics
- White Goods
- Industrial Telecom
- Industrial Controls



Products can be customized according to customer needs

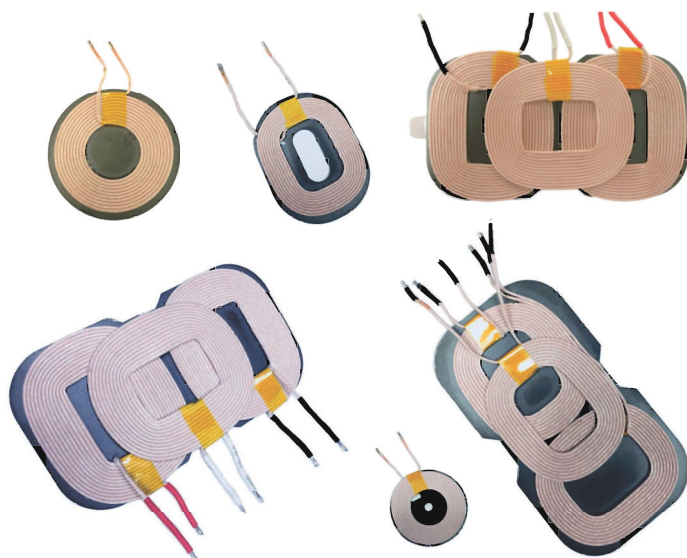
※Applications:

- Photovoltaic power generation
- New energy power supply
- New energy charging pile
- Industrial power supply
- Smart grid and UPS



Products can be customized according to customer needs

WIRELESS CHARGING COILS(SMD/DIP)



※Applications:

- Portable devices used in a clean area, where connectors pose a risk of polluting e.g. medical facilities, (industrial) clean rooms, mining industry
- Devices with a large number of mating cycles to avoid connector damage: e.g. Smart watches, fitness tracker...
- Consumer products: e.g. Digital cameras, baby phone, remote control, smartphone sleeves, watertight products
- Explosion sensitive area where the use of a physical connection is hazardous

Products can be customized according to customer needs



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