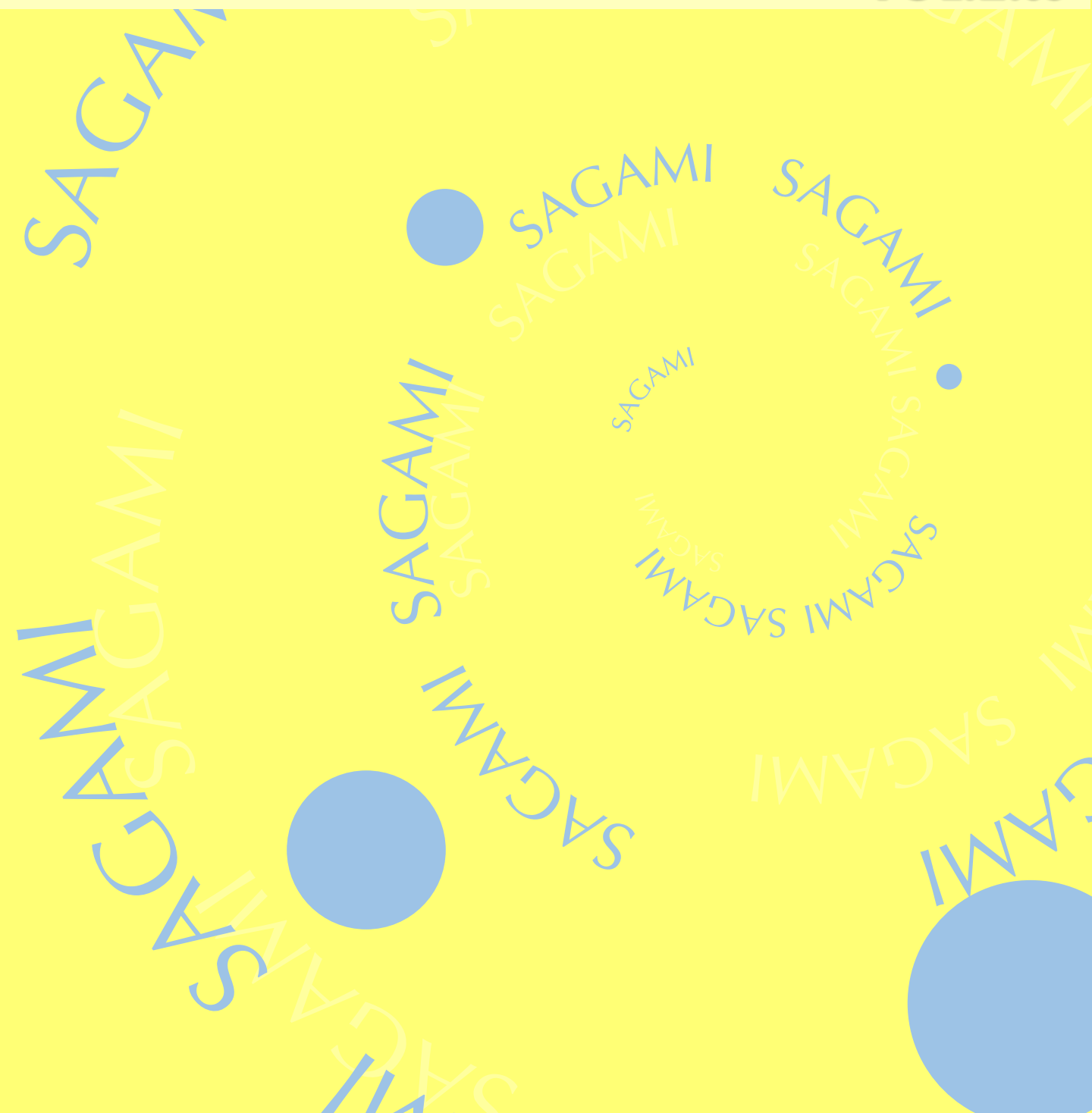


SAGAMI COIL SELECTION GUIDE

VOL.2.03



SAGAMI ELEC CO., LTD.

DIRECTIONS : 注意

(Precautions)

- Do not store products in the areas with conditions such as high temperature, humidity, dust, and corrosive gas that may adversely affect the products.
- Please handle products with care to avoid dropping and loading without containers that may cause breakage.
- Do not touch terminal pins of products without protective glove because oil may deteriorate solderability.
- Do not use coils in dew condensation environments.
- Do not bend terminal pins of products. Excessive stress to terminal pins may cause wire breakage.
- Do not cut off product's terminal pins unless it is separately approved in agreed-specification.
- Please fix all terminal pins and case lugs with solder on PCB.
- Do not rinse products. When rinsing is necessary, please consult with our local Sales staff.
- Please possibly avoid fixing products on peripheral part of PCB.
- SMD coils are designed for automatic insertion. Please take extreme caution when soldering manually.
- Do not directly contact exposed part of windings and terminal pins when mounting SMD coils.
- Please follow the soldering specification when using reflow soldering for SMD coils.

(Specification)

- Any products mentioned in this catalogue are subject to any modification or termination without prior notice. Please check a latest information or request for a product approval specification at placing a purchase order.
- Dimensional drawings in this catalogue are representative values unless otherwise specified. Unspecified dimensions units are all millimeters (mm).
- Besides the standard products in the list, we make special designs according to customers' requests. Please contact our local Sales staff for details.
- All products shown in this catalogue are designed for general equipments. Please consult with our local Sales staff prior to the use for applications at the risk of man's life, such as power driven machineries in automobiles, aircraft control system, and/or medical equipments, etc.
- Dimensional drawings on this catalogue explain a product's dimensions and measuring points only. Points regarding appearance(winding, adhesive volume or adhesive positions, or cut of core edge) are not mentioned.
- The products in this catalogue use exposed ferrite core, which is vulnerable in nature. Therefore, there may be found a slight chip-off, crack or flashing, which all never makes any impact on product's characteristics.

(Intellectual Property)

- Sagami is not liable for a violation of patent rights or intellectual property of the third party by the use of the products shown on this catalogue.

(Environmental Control)

- None of Ozone Depleting Substances(ODS) regulated by Montreal Protocol is being used in our production processes.
 - All products that our company currently manufactures or sells are controlled below the regulated values for substances subject to the RoHS Directive (EU) 2015/863.
- (For further details, please contact our sales department.)

<使用上の注意事項>

- コイル製品の保管の際には、高温・多湿・塵埃・腐食性ガス等の悪環境を避けて下さい。
- コイル製品の乱雑な扱い・落下・バラ積みは避けて下さい。破損の恐れがあります。
- コイル製品の端子に直接手を触れないで下さい。脂により半田付け性が劣化する恐れがあります。
- 結露する環境での使用は避けて下さい。
- コイル製品の端子は折り曲げないで下さい。端子への過度なストレスは断線の原因になります。
- コイル製品の端子は、個別仕様書で切断を認めている製品を除いて、切断しないで下さい。
- コイル製品の端子及びケースラグ部は、全てプリント基板に半田付けて下さい。
- コイル製品の洗浄は避けて下さい。洗浄が必要な場合は、当社にご相談下さい。
- コイル製品の実装位置は、プリント基板の周辺部分ではできるだけ避けて下さい。
- 面実装コイル製品は、自動実装を前提に設計しておりますので、手半田の取付けをされる場合は取り扱いに注意して下さい。
- 面実装コイル製品のマウントに際しては、巻線露出部分や端子への接触は避けて下さい。
- 面実装コイル製品のリフロー半田付けに際しては、半田付け条件を守って下さい。

<仕様について>

- 本カタログの記載内容は、製品の改善等により予告なく変更する事があります。ご注文の際には、仕様の確認や納入仕様書の取り交わしをお願いします。
- 本カタログ記載の寸法図の値は、特に規定のある場合を除き、製品の代表値を記載しております。また、記載のない寸法単位は(mm)です。
- 一覧表記載の標準品以外にも、お客様の要望に沿う製品設計を行います。詳細は当社にお問い合わせ下さい。本カタログ掲載の製品は、一般機器用です。自動車・航空機などの走行・飛行制御や、原子力・医療機器などの人命にかかわる極めて高い信頼性が要求される用途にご使用の場合は、事前に当社にご相談下さい。
- 本カタログ記載の外形寸法図は、製品の外形寸法と測定箇所を示したもので、外観(巻線、接着剤の量と位置、コアの面取りなど)を示したものではありません。
- 本カタログに掲載している製品は、欠けが発生し易いフェライトコアをむき出しで使用している関係で、製品の特性に影響を及ぼさない範囲の小さな欠け・ヒビ・バリなどが存在する事があります。

<知的財産権>

- 本カタログ掲載の製品を使用した事により、第三者の特許権・知的財産権等の問題が発生した場合において、弊社は責任を負うものではありません。

<環境対応>

- 当社の製造工程では、モントリオール議定書で規定されているオゾン層破壊物質(ODS)は一切使用しておりません。
- 当社が現在製造または販売するすべての製品は、RoHS指令(EU)2015/863の対象物質について規制値未満にて管理されております。(詳細については、弊社営業部門へお問い合わせ下さい。)



Power Inductors for Class-D Amplifier--2

Power Inductors--4

Metal Composite Power Inductors--8

Inductors for RF/ EMC Components/ Antenna--10

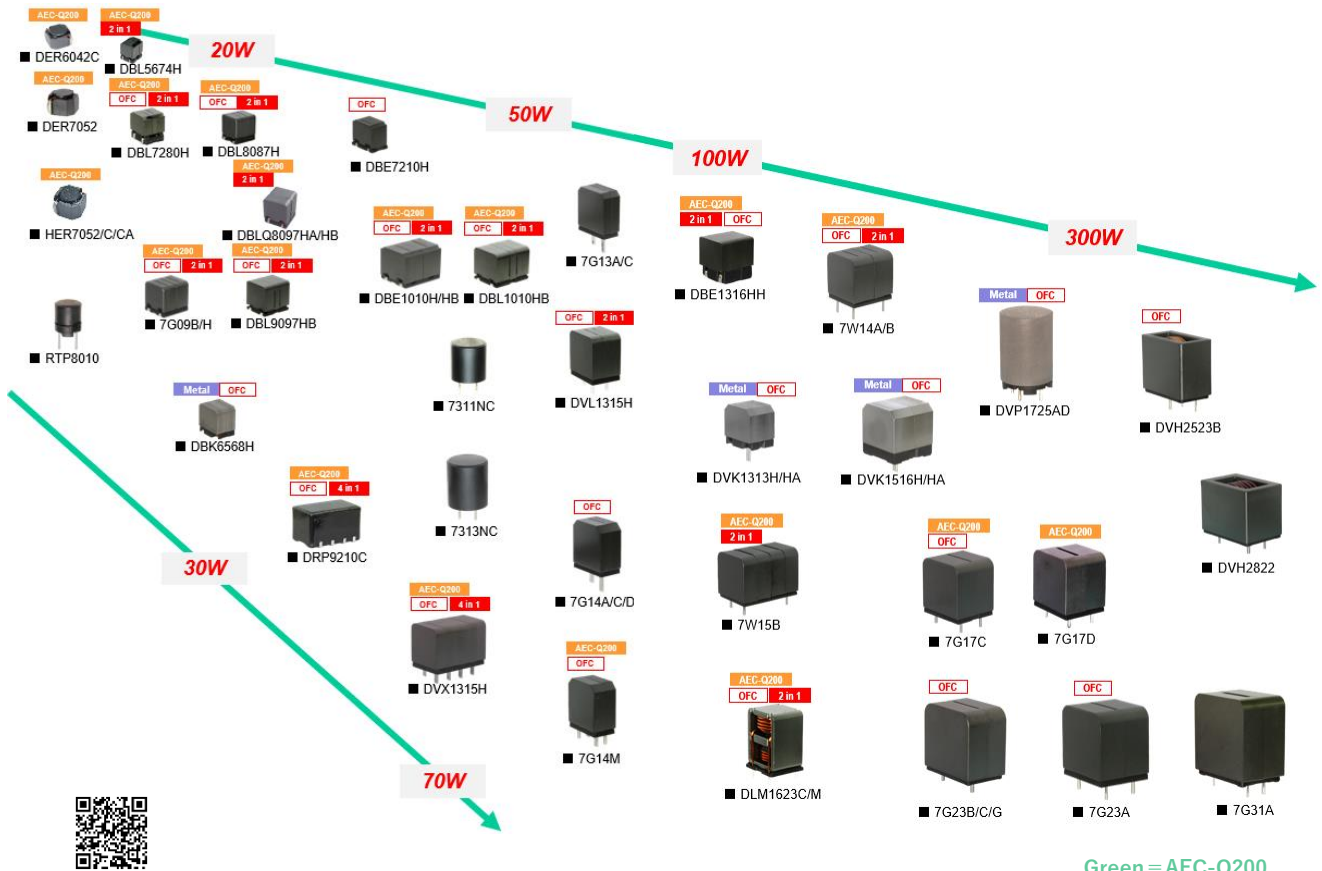
DC/DC Converter Transformer for Automotive Equipment--11

Coupled Inductors / Corner sensor Transformers--12

Balun Transformers--13



Selection Map



Green = AEC-Q200

Type	W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
DBL5674H	5.6	6.1	8	3.3	4.9	2.9	-40 to 125	SMD
DER6042C	6.0	6.0	4.5	3.3-22	2.8-7	1.3-4.8	-40 to 125	SMD
DBK6568H	6.5	5.0	7.3	3.3-12	8-14.8	2.2-4.3	-40 to 125	SMD
DER7052	7.0	7.0	5.5	7.5-22	2.1-3.4	1.4-3	-40 to 125	SMD
DBE7210H	11.0	7.2	10.2	10-22	4.3-6	3-3.6	-40 to 125	SMD
DBL7280H	7.2	6.7	8.5	1-10	3.1-12.2	2-5	-40 to 125	SMD
DBL8087H	8.0	8.0	9.0	3.3-22	3-7.2	1.8-3.9	-40 to 125	SMD
DBLQ8097HA	8.0	8.0	10.0	3.3-5	5.7-8.1	4-4.6	-40 to 125	SMD
DBLQ8097HB	8.0	8.0	10.0	3.3	9.8	3.3	-40 to 125	SMD
7G09B	9.0	10.0	10.0	3.3-22	3.2-8.1	2.5-4.8	-40 to 125	SMD
DBL9097HB	9.0	10.0	10.0	3.3-22	3.2-8.1	2.5-4.8	-40 to 125	SMD
DBE1010H	10.5	12.8	10.2	10	8.5	3.7	-40 to 125	SMD
DBE1010HB	10.5	12.8	10.2	3.3-22	4.3-12	3-5.1	-40 to 125	SMD
DBL1010HB	10.5	12.8	10.7	3.3-22	4.3-11.6	3-5.4	-40 to 125	SMD
DBE1316HH	13.5	15.0	16.0	5-10	11.1-16.3	6.2-9.1	-40 to 125	SMD
DRP9210C	9.2	15.3	10.0	3.3-10	6.9-12.9	2.2-4.2	-40 to 125	SMD



Type	W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
DVP1725AD 	17.2	17.2	28.0	7-22	10.5-20	4-6	-40 to 105	PIN
7G13A 	13.0	6.4	15.0	10-33	3.4-6	5.3-8	-40 to 125	PIN
7G13C 	13.0	6.4	15.0	4.7-10	9-12.3	6-8	-40 to 125	PIN
7G14A 	14.0	7.6	16.0	10-33	6.1-8.3	5.1-7.8	-40 to 125	PIN
7G14C 	14.0	7.6	16.0	4.7-22	9-20	5.1-7.8	-40 to 125	PIN
7G14D 	14.0	9.6	16.0	10	15	7	-40 to 125	PIN
7G14J 	14.0	9.6	16.0	10	18	4.6	-40 to 125	PIN
7G14M 	14.0	7.6	16.0	10-33	6.1-8.3	5.1-7.8	-40 to 125	PIN
7G17C 	17.5	15.0	19.3	10-33	7.5-26	6	-40 to 125	PIN
7G17D 	17.5	15.0	19.3	10-33	7.5-26	8.2	-40 to 125	PIN
7G23A 	23.0	20.0	23.0	10-33	10.4-37.8	9.4	-40 to 125	PIN
7G23B 	23.0	14.5	23.0	10-22	16.5-31.5	8.7-9.1	-40 to 125	PIN
7G23C/G 	23.0	14.5	23.0	10-20	21-35	5.8-6.7	-40 to 125	PIN
7G31A 	31.0	19.0	33.0	10-22	31-61	12-12.5	-40 to 125	PIN
DVH2523B 	14.0	25.2	22.0	10-33	15.8-26.3	4.5-6.9	-40 to 125	PIN
DVH2822 	19.0	28.0	22.4	20	30	9	-40 to 125	PIN
DVK1313H 	13.0	10.0	14.4	4.7-22	11.8-25.2	6.4-14.2	-40 to 125	PIN
DVK1313HA 	13.0	10.0	14.4	4.7-22	11.8-25.2	6.4-14.2	-40 to 125	PIN
DVL1315H 	13.0	13.0	15.0	10-15	4-6	6.8	-40 to 125	PIN
DVX1315H 	13.0	20.0	15.0	10-15	4-6	6.8	-40 to 125	PIN
DVK1516H 	15.6	15.6	17.2	4.7-22	18.5-44.3	10.4-18.8	-40 to 125	PIN
DVK1516HA 	15.6	15.6	17.2	4.7-22	18.5-44.3	10.4-18.8	-40 to 125	PIN
DLM1623C 	15.9	15.0	23.0	10-22	10-15	3.8-6.4	-40 to 125	PIN
DLM1623M 	15.9	15.0	23.0	10-22	10-15	3.8-6.4	-40 to 125	PIN
7W14A 	14.0	15.5	16.0	10-22	6.2-11	5.1-7	-40 to 125	PIN
7W14B 	14.0	15.5	16.0	10	11	7	-40 to 125	PIN
7W15B 	15.0	21.5	15.5	10-22	10-14	5.2-7.7	-40 to 125	PIN
RTP8010 	7.8	7.8	10.0	4.3-1000	0.38-5.7	0.28-3.1	-40 to 85	PIN
7311NC 	10.7	10.7	11.7	10-1000	0.5-5.5	0.35-3.3	-40 to 85	PIN
7313NC 	12.6	12.6	15.0	10-1000	0.55-6	0.65-5.1	-40 to 85	PIN
5RFW (for Piezo) 	5.7	5.7	8.0	330	0.43	0.17	-40 to 125	SMD



* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認ください。
 * Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.
 * 記載製品のご使用に際しては、カタログ記載の『注意』をご確認ください。
 * Please refer to " DIRECTIONS " in the catalog for proper use of the products.



Green = AEC-Q200

Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
7E03LA		3.0	3.0	1.5	1.2-39	0.25-1.3	0.38-2.2	-25 to 105	SMD
7E03LB		3.0	3.0	1.5	1.2-22	0.44-1.9	0.44-1.9	-25 to 105	SMD
7E03NA		3.0	3.0	2.0	1.2-180	0.11-1.2	0.27-3.3	-25 to 105	SMD
7E03NB		3.0	3.0	2.0	1.2-56	0.35-2.2	0.35-2.2	-25 to 105	SMD
7E04SA		4.0	4.0	1.8	1.5-39	0.26-1.4	0.5-2.9	-25 to 105	SMD
7E04SB		4.0	4.0	1.8	1.5-27	0.45-1.8	0.55-2.6	-25 to 105	SMD
7E04LA		4.0	4.0	2.0	1.5-56	0.22-1.4	0.5-3.1	-25 to 105	SMD
7E04LB		4.0	4.0	2.0	1.5-39	0.39-2	0.53-2.9	-25 to 105	SMD
7E04NA		4.0	4.0	3.0	1.5-150	0.19-2	0.35-3.6	-25 to 105	SMD
7E04NB		4.0	4.0	3.0	1.5-100	0.27-2.3	0.4-3.1	-25 to 105	SMD
7E05DD		5.0	5.0	2.0	1.3-47	0.72-4.51	0.76-4.69	-25 to 105	SMD
7E05ED		5.0	5.0	3.0	1.4-100	0.66-6.14	0.59-4.68	-25 to 105	SMD
7E06LA		6.0	6.0	2.0	1.2-120	0.25-2.4	0.42-4.8	-25 to 105	SMD
7E06LB		6.0	6.0	2.0	1.2-82	0.4-3.1	0.44-4.1	-25 to 105	SMD
7E06NA		6.0	6.0	3.0	1.2-1000	0.14-3.4	0.22-5.6	-25 to 105	SMD
7E06NB		6.0	6.0	3.0	1.2-270	0.26-3.6	0.33-5.2	-25 to 105	SMD
CER3017C		3.0	3.0	2.0	1.2-56	0.35-2.2	0.35-2.2	-40 to 150	SMD
CER4017C		4.0	4.0	2.0	1.5-39	0.5-2.5	0.67-3.3	-40 to 150	SMD
CER4027C		4.0	4.0	3.0	1.5-100	0.41-3.4	0.48-3.6	-40 to 150	SMD
CER5017C		5.0	5.0	2.0	1.3-47	0.72-4	0.76-3.52	-40 to 150	SMD
CER5027C		5.0	5.0	3.0	1.4-100	0.66-6.14	0.59-4.68	-40 to 150	SMD
CER6017C		6.0	6.0	2.0	1.2-82	0.51-4.14	0.58-4.84	-40 to 150	SMD
CER6027C		6.0	6.0	3.0	1.2-270	0.37-5.54	0.39-6.7	-40 to 150	SMD
CER6027V		6.0	6.0	3.0	100-1000	0.2-0.57	0.27-0.88	-40 to 150	SMD
CER6042C		6.0	6.0	4.5	1-820	0.33-9.1	0.3-6.4	-40 to 150	SMD
CER7027B		7.0	7.0	3.0	1.1-1000	0.24-7.3	0.2-6.55	-40 to 125	SMD
CER7027C		7.0	7.0	3.0	1.1-1000	0.24-7.3	0.2-6.55	-40 to 150	SMD
CER7032B		7.0	7.0	3.5	1.2-1000	0.23-6.85	0.22-6.4	-40 to 125	SMD
CER7032C		7.0	7.0	3.5	1.2-1000	0.23-6.85	0.22-6.4	-40 to 150	SMD
CER7042B		7.0	7.0	4.5	1.2-1000	0.24-6.65	0.28-7	-40 to 125	SMD
CER7042BA		7.0	7.0	4.5	1.2-1000	0.28-7.75	0.26-6.55	-40 to 125	SMD
CER7042C		7.0	7.0	4.5	1.2-1000	0.24-6.65	0.28-7	-40 to 150	SMD
CER7042CA		7.0	7.0	4.5	1.2-1000	0.28-7.75	0.26-6.55	-40 to 150	SMD

※CER3017Cは端子強度を除きAEC-Q200対応 CER3017C AEC-Q200 compliant without terminal strength



Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
CER7052B		7.0	7.0	5.5	1.2-1000	0.33-9.5	0.29-6.2	-40 to 125	SMD
CER7052C		7.0	7.0	5.5	1.2-1000	0.33-9.5	0.29-6.2	-40 to 150	SMD
CER7052V		7.0	7.0	5.5	100-1000	0.33-1	0.26-0.94	-40 to 150	SMD
CER8042B		8.0	8.0	4.5	1.1-1000	0.45-13.2	0.32-8	-40 to 125	SMD
CER8042C		8.0	8.0	4.5	1.1-1000	0.45-13.2	0.32-8	-40 to 150	SMD
CER8065B		8.0	8.0	6.8	1.2-1000	0.53-15.4	0.41-7.45	-40 to 125	SMD
CER8065C		8.0	8.0	6.8	1.2-1000	0.53-15.4	0.41-7.45	-40 to 150	SMD
CER8065V		8.0	8.0	6.8	100-1000	0.53-1.65	0.38-1.19	-40 to 150	SMD
CER1042B		10.0	10.0	4.5	1.5-1000	0.54-12.2	0.4-8.25	-40 to 125	SMD
CER1042C		10.0	10.0	4.5	1.5-1000	0.54-12.2	0.4-8.25	-40 to 150	SMD
CER1065B		10.0	10.0	6.8	1-1000	0.7-20.4	0.53-9.3	-40 to 125	SMD
CER1065C		10.0	10.0	6.8	1-1000	0.7-20.4	0.53-9.3	-40 to 150	SMD
CER1065V		10.0	10.0	6.8	100-1000	0.7-2.15	0.49-1.56	-40 to 150	SMD
CER1242B		12.0	12.0	4.5	1.3-1000	0.58-16	0.47-9.9	-40 to 125	SMD
CER1242C		12.0	12.0	4.5	1.3-1000	0.58-16	0.47-9.9	-40 to 150	SMD
CER1257B		12.0	12.0	6.0	2.2-1000	0.73-17.1	0.55-9.9	-40 to 125	SMD
CER1257C		12.0	12.0	6.0	2.2-1000	0.73-17.1	0.55-9.9	-40 to 150	SMD
CER1277B		12.0	12.0	8.0	2.2-1000	0.89-17.7	0.68-9.6	-40 to 125	SMD
CER1277C		12.0	12.0	8.0	2.2-1000	0.89-17.7	0.68-9.6	-40 to 150	SMD
HER3027		3.0	3.0	3.0	1-68	0.35-2.85	0.35-2.6	-40 to 125	SMD
HER3027C		3.0	3.0	3.0	1-68	0.35-2.85	0.35-2.6	-40 to 150	SMD
HER4027		4.0	4.0	3.1	1-100	0.4-3.9	0.36-3.2	-40 to 125	SMD
HER4027C		4.0	4.0	3.1	1-100	0.4-3.9	0.36-3.2	-40 to 150	SMD
HER5027		5.0	5.0	3.1	1-180	0.35-5.5	0.37-5.3	-40 to 125	SMD
HER5027C		5.0	5.0	3.1	1-180	0.35-5.5	0.37-5.3	-40 to 150	SMD
HER6027		6.0	6.0	3.1	0.82-470	0.3-7.2	0.3-6.7	-40 to 125	SMD
HER6027C		6.0	6.0	3.1	0.82-47	0.9-7.2	0.9-6.7	-40 to 150	SMD
HER6042C		6.0	6.0	4.5	0.82-560	0.44-11.2	0.38-7	-40 to 150	SMD
HER7052		7.0	7.0	5.5	3.3-47	2.6-7.7	0.89-3.5	-40 to 125	SMD
HER7052C		7.0	7.0	5.5	3.3-47	2.6-7.7	0.89-3.5	-40 to 125	SMD
HER7052CA		7.0	7.0	5.5	3.3-47	1.9-8	1.1-4.9	-40 to 125	SMD
HER8080		8.0	8.0	8.4	1.5-470	0.84-14.5	0.65-7.73	-40 to 125	SMD
HER8080C		8.0	8.0	8.4	1.5-470	0.84-14.5	0.65-7.73	-40 to 150	SMD
HER1090		10.0	10.0	9.2	1.1-1000	0.95-25.7	0.62-9.3	-40 to 125	SMD
HER1090C		10.0	10.0	9.2	1.1-1000	0.95-25.7	0.62-9.3	-40 to 150	SMD

※HER3027Cは端子強度を除きAEC-Q200対応 HER3027C AEC-Q200 compliant without terminal strength



* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認ください。

* Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.

* 記載製品のご使用に際しては、カタログ記載の「注意」をご確認ください。

* Please refer to " DIRECTIONS " in the catalog for proper use of the products.



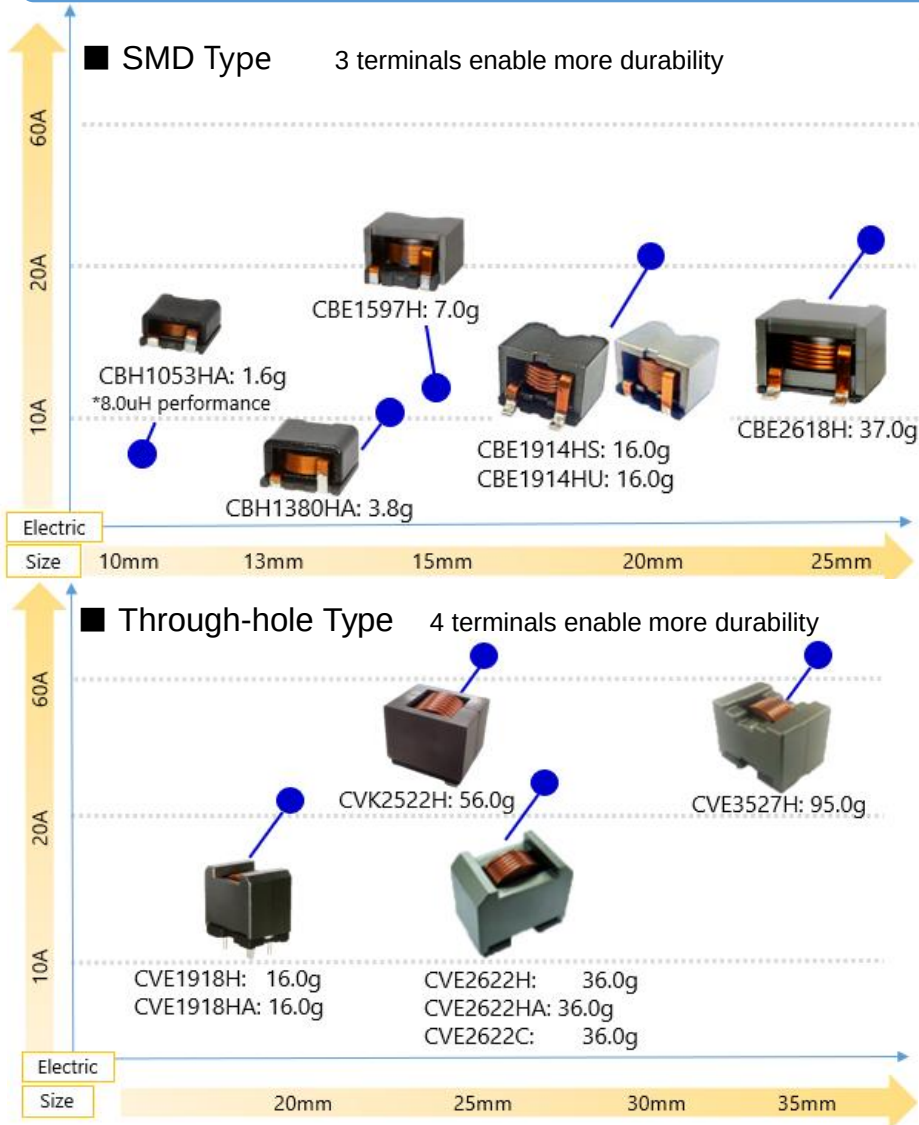
Green = AEC-Q200

Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
CBH1053HA		10.5	10.2	5.7	3.2-8	7.4-11.2	3.5-5.1	-40 to 150	SMD
CBH1380HA		13.5	12.4	8.4	8.3-33	5.5-11	2.8-5.3	-40 to 150	SMD
CBE1597H		15.5	15.9	10.0	1-22	9.5-45.4	8.2-25.9	-40 to 150	SMD
CBE1914HS		19.0	18.7	15.6	1-10	21-95	19-31	-40 to 150	SMD
CBE1914HU		19.0	15.6	15.6	15-33	9-19	11-11	-40 to 150	SMD
CBE2618H		26.0	26.9	18.6	3.3-33	7-85	32-32	-40 to 150	SMD
CJD6045		5.8	5.8	4.9	1.2-3300	0.085-4.5	0.12-3.9	-40 to 125	SMD
CJD6057		5.8	5.8	5.7	1000-33000	0.022-0.128	0.037-0.253	-40 to 125	SMD
CJD8050		7.8	7.8	5.3	1.3-6800	0.1-7.7	0.11-4.9	-40 to 125	SMD
CDG2521C		2.5	2.5	2.4	0.019-0.03	27.8-38.6	20.8-20.8	-40 to 150	SMD
CDG3833C		6.0	3.8	3.3	0.045-0.08	41.3-63.4	32.1-32.1	-40 to 150	SMD
CDG3833CB		6.0	3.8	3.3	0.045-0.08	41.3-63.4	32.1-32.1	-40 to 150	SMD
CDG6250C		6.8	6.7	5.0	0.09-0.15	35-63	35-35	-40 to 150	SMD
CDG9672C		13.4	9.6	7.2	0.2-0.59	29.1-92.7	48.9-48.9	-40 to 150	SMD
CDG9672CB		13.4	9.6	7.2	0.2-0.59	29.1-92.7	48.9-48.9	-40 to 150	SMD
CHTR6145C		6.5	6.5	4.5	0.82-470	0.38-8.8	0.35-6	-40 to 180	SMD
CHVR1277		12.0	12.0	8.0	150-1400	0.73-2.15	0.47-1.7	-40 to 150	SMD
7208M		7.8	7.8	7.0	10-1000	0.3-3	0.27-2.4	-40 to 85	PIN
7208N		7.8	7.8	9.0	10-1000	0.25-2.5	0.3-2.3	-40 to 85	PIN
7210		10.0	10.0	8.0	10-3300	0.3-7	0.15-2.5	-40 to 85	PIN
7212M		12.5	12.5	11.5	10-10000	0.15-5	0.16-3.3	-40 to 85	PIN
7212N		12.5	12.5	17.0	10-10000	0.25-8.8	0.2-3.4	-40 to 85	PIN
7308		7.8	7.8	7.0	10-1000	0.19-2	0.23-1.8	-40 to 85	PIN
7310		10.2	10.2	8.6	10-1000	0.25-2.3	0.39-2.7	-40 to 85	PIN
RTP8010		7.8	7.8	10.0	4.3-1000	0.38-5.7	0.28-3.1	-40 to 85	PIN
7311NC		10.7	10.7	11.7	10-1000	0.5-5.5	0.35-3.3	-40 to 85	PIN
7313NC		12.6	12.6	15.0	10-1000	0.55-6	0.65-5.1	-40 to 85	PIN
7916N		16.0	16.0	18.0	3.9-100	4.4-24	3.1-8.9	-40 to 85	PIN



Selection Map

- Showing the performance of 10μH product
- Suitable for DC/DC converter, filtering for ECU, LED HEAD LIGHT, Industrial product

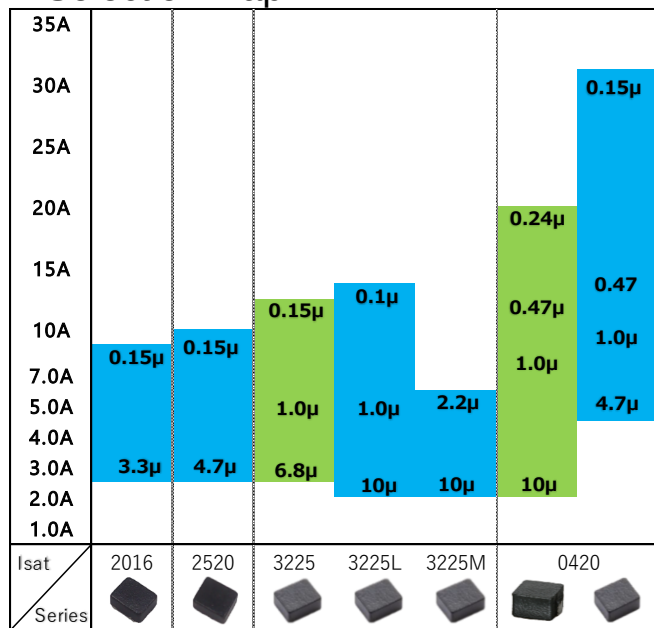


Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
CVK2522H		25.0	20.0	22.5	1-15	59-220	26-90	-40 to 150	PIN
CVE1918H		19.0	13.4	19.5	1-33	9-95	12-32	-40 to 150	PIN
CVE1918HA		19.0	13.4	19.5	1-33	9-95	12-32	-40 to 150	PIN
CVE1918M		20.5	18.0	20.5	47-180	4-12	5.6-7.6	-40 to 150	PIN
CVE2622C		26.9	16.5	23.3	3.3-33	7-85	33-33	-40 to 150	PIN
CVE2622H		26.9	16.5	23.3	3.3-33	7-85	33-33	-40 to 125	PIN
CVE2622HA		26.9	16.5	23.3	3.3-33	7-85	33-33	-40 to 125	PIN
CVE2622M		26.5	17.5	24.5	47-120	6.4-12.8	9-12	-40 to 150	PIN
CVE3527H		35.8	24.8	27.0	6.8-22	28-90	32-32	-40 to 150	PIN
CVE3527M		35.8	24.8	28.0	33-470	6-22	4.6-14	-40 to 150	PIN



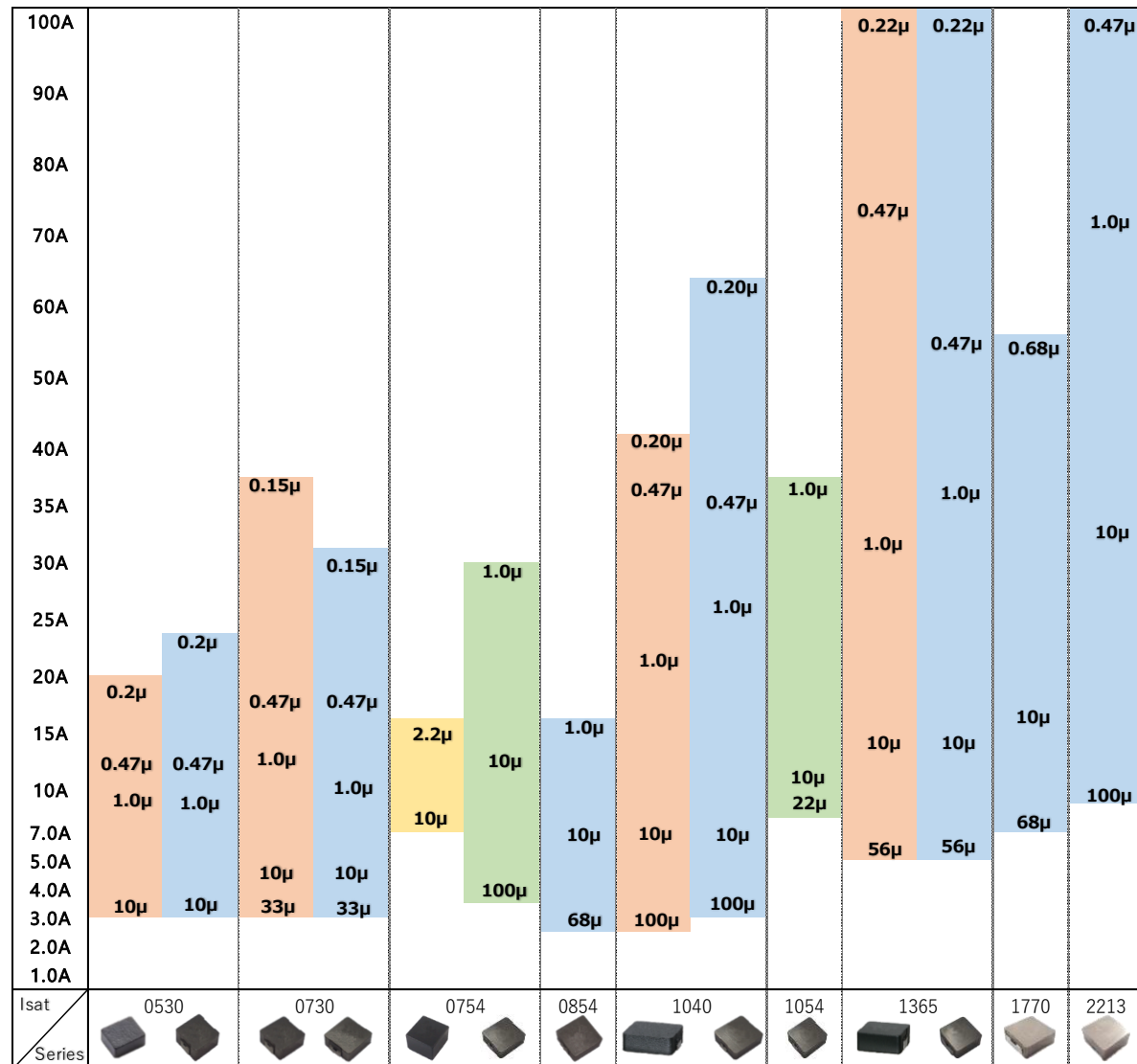
* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認願います。
* Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.
* 記載製品のご使用に際しては、カタログ記載の「注意」をご確認願います。
* Please refer to "DIRECTIONS" in the catalog for proper use of the products.

Selection Map



Type & Color bar

XRK-A	【High Withstand voltage】 : 100V
XRK-B	【Standard Withstand voltage】 : 80V
XRK-D	【High Isat/High Withstand voltage】 : 100V
XRK(small size)	【Standard Withstand voltage】 : 40V
XRJ(small size)	【Standard Withstand voltage】 : 40V
XRJ	【Low DCR/Standard Withstand voltage】 : 80V





Green = AEC-Q200

Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
XRJ2016		2.0	1.6	1.0	0.15-3.3	2-7.5	1.2-5.4	-40 to 125	SMD
XRJ2520		2.5	2.0	1.2	0.15-4.7	2.1-8.7	1.5-5.8	-40 to 125	SMD
XRK3225		3.2	2.5	1.2	0.15-6.8	2-11.6	1.3-6.8	-40 to 125	SMD
XRJ3225L		3.2	2.5	1.2	0.1-10	1.7-12	1.1-7	-40 to 125	SMD
XRJ3225M		3.2	2.5	2.0	2.2-8.2	2-5	1.2-2.9	-40 to 125	SMD
XRJ0420		4.1	4.1	2.0	0.08-4.7	4-30	5.5-22	-40 to 125	SMD
XRK0420A		4.4	4.2	2.0	0.24-22	1.65-19	1.2-13	-40 to 125	SMD
XRK0530A		5.4	5.1	3.0	0.2-10	2.3-24	2.3-15.8	-40 to 150	SMD
XRK0530B		5.4	5.2	3.0	0.2-22	1.7-23	1.7-20.5	-40 to 150	SMD
XRK0730A		7.1	6.8	3.0	0.15-33	2.3-36	1.6-18.5	-40 to 150	SMD
XRK0730B		7.0	6.6	3.0	0.15-33	2.3-32	1.6-24	-40 to 150	SMD
XRJ0754		7.5	7.2	5.4	2.2-10	6-15	5-13	-40 to 150	SMD
XRK0754D		7.5	7.2	5.4	1.0-100	3.2-28	1.5-12.9	-40 to 150	SMD
XRK0854B		8.1	8.0	5.4	1-68	1.9-15	2.1-14	-40 to 150	SMD
XRK1040A		11.1	10.0	4.0	0.2-100	2-40	1.5-33	-40 to 150	SMD
XRK1040B		10.8	10.0	4.0	0.2-100	2.5-60	1.8-36	-40 to 150	SMD
XRK1054D		10.85	10.0	5.4	1.0-22	7-36	5-19.3	-40 to 150	SMD
XRK1365A		13.2	12.5	6.5	0.22-56	4.6-100	4.6-41	-40 to 150	SMD
XRK1365B		13.45	12.6	6.5	0.22-56	4.3-100	4-44	-40 to 150	SMD
XRK1770B		17.15	17.15	7.0	0.68-68	5.4-57	4.4-28	-40 to 150	SMD
XRK2213B		22.48	22.0	13.0	0.47-100	8-100	6.4-66	-40 to 150	SMD



* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認願います。
 * Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.
 * 記載製品のご使用に際しては、カタログ記載の『注意』をご確認願います。
 * Please refer to " DIRECTIONS " in the catalog for proper use of the products.



Inductors for RF

Green = AEC-Q200

Type		W (mm)	D (mm)	H max (mm)	L (μ H)	SRFmin. (MHz)	I _{rat} (A)	Temp range (°C)	Pkg
C1608CB		1.5	0.9	0.82	0.0015-0.39	700-6000	0.12-0.7	-40 to 125	SMD
C1608H		1.5	0.9	0.82	0.0027-0.047	2400-6000	0.7-1.4	-40 to 125	SMD
C2012CB		2.3	1.7	1.6	0.0033-1	300-6000	0.14-0.6	-40 to 125	SMD
C2012H		2.3	1.7	1.6	0.0027-0.15	900-6000	0.45-1.5	-40 to 125	SMD
C3328A		3.3	2.8	2.8	0.008-0.0185	2200-5000	4.0	-20 to 85	SMD
C6328A		6.3	2.8	2.8	0.0175-0.043	1200-2200	4.0	-40 to 125	SMD
C6342A		6.3	4.2	4.2	0.05-0.135	500-1000	3.0	-40 to 125	SMD
BCN1066C		10.8	7.1	6.9	0.132-0.544	330-759(Typ.)	4.5-6.1	-40 to 150	SMD



EMC Components

Type		W (mm)	D (mm)	H max (mm)	Impedance [100MHz] (Ω)	I _{rat} (A)	Temp range (°C)	Pkg
TGQR5027C		5.0	5.0	3.0	813-2095	1.6-2.0	-40 to 150	SMD
TQR5017C		5.0	5.0	2.0	313-1732	1.4-2.2	-40 to 125	SMD
TQR5027C		5.0	5.0	3.0	300-1496	1.9-2.8	-40 to 125	SMD
TQR8048C		8.0	8.0	5.1	258-1096	4.1-5.5	-40 to 125	SMD
TQR1250C		12.0	12.0	5.3	619-1145	4.5-5.6	-40 to 125	SMD
PRCG4036C		5.7	4.3	3.9	67	9.1	-40 to 150	SMD
TDG5629C		5.6	9.0	3.3	52	19.1	-40 to 150	SMD
TDG6029C		6.0	8.8	3.5	50	7.0	-40 to 125	SMD

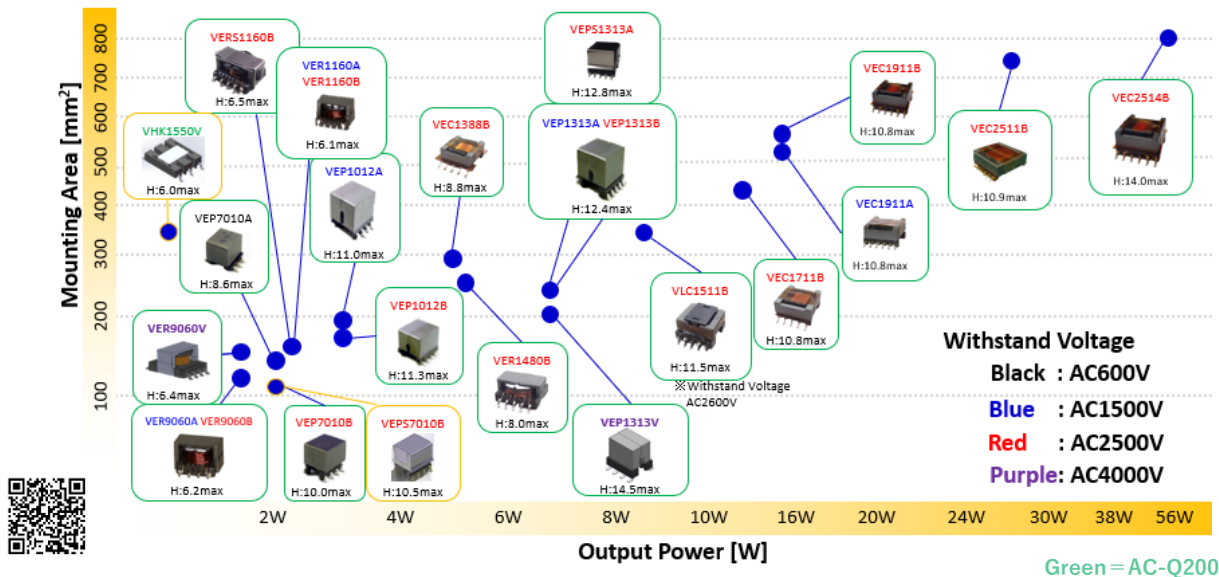


Antenna

Type		W (mm)	D (mm)	H max (mm)	L (μ H)	DCR max. (Ω)	Temp range (°C)	Pkg
AME1136		11.6	13	3.9	4.9-7.2	153-209	-40 to 125	SMD



Selection Map



Type		W (mm)	D (mm)	H max (mm)	Number of terminals	Output power (W)	Withstand voltage Max. (V)	Core Shape	Temp range (°C)	Pkg
VHK1550V		24.0	15.0	5.0	6	1.0	AC3500	UI	-40 to 150	SMD
VER9060A		10.8	10.0	6.2	8	1.7	AC1500	ER	-40 to 150	SMD
VER9060B		10.8	10.0	6.2	8	1.7	AC2500	ER	-40 to 150	SMD
VER9060V		14.9	10.0	6.2	8	1.7	AC4000	ER	-40 to 150	SMD
VEP7010A		10.7	13.3	8.6	6	2.0	AC600	EP	-40 to 150	SMD
VEP7010B		10.7	10.5	10.0	8	2.0	AC2500	EP	-40 to 150	SMD
VER1160A		12.4	12.0	6.1	8	2.3	AC1500	ER	-40 to 150	SMD
VER1160B		12.4	12.0	6.1	8	2.3	AC2500	ER	-40 to 150	SMD
VERS1160B		12.0	12.9	6.5	10	2.3	AC2500	ER	-40 to 150	SMD
VEP1012A		13.2	15.4	11.0	8	3.0	AC1500	EP	-40 to 150	SMD
VEP1012B		13.2	14.0	11.3	8	3.0	AC2500	EP	-40 to 150	SMD
VEC1388B		17.8	19.8	8.8	10	4.8	AC2500	EPC	-40 to 150	SMD
VER1480B		15.5	16.0	8.0	10	5.4	AC2500	ER	-40 to 150	SMD
VEP1313A		14.0	17.5	12.4	10	7.0	AC1500	EP	-40 to 150	SMD
VEP1313B		14.0	17.5	12.4	10	7.0	AC2500	EP	-40 to 150	SMD
VEPS1313A		14.3	17.8	12.8	10	7.0	AC2500	EP	-40 to 150	SMD
VEP1313V		14.3	14.1	14.5	10	7.0	AC4000	EP	-40 to 150	SMD
VLC1511B		15.7	15.9	11.5	10	8.5	AC2600	EPC	-40 to 150	SMD
VEC1711B		18.6	24.0	10.8	9	12.0	AC2500	EPC	-40 to 150	SMD
VEC1911A		20.0	20.5	10.8	10	16.2	AC1500	EPC	-40 to 150	SMD
VEC1911B		20.0	20.5	10.8	10	16.2	AC2500	EPC	-40 to 150	SMD
VEC2511B		25.0	28.7	10.9	11	27.0	AC2500	EPC	-40 to 150	SMD
VEC2514B		25.5	31.5	14.0	10	54.0	AC2500	EPC	-40 to 150	SMD



* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認願います。
* Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.
* 記載製品のご使用に際しては、カタログ記載の「注意」をご確認願います。
* Please refer to " DIRECTIONS " in the catalog for proper use of the products.



Coupled Inductors

Green = AEC-Q200

Type		W (mm)	D (mm)	H max (mm)	L (μH)	Isat (A)	Irat (A)	Temp range (°C)	Pkg
SQR8042C		8.0	8.0	4.5	1-47	0.95-6.3	0.7-4.25	-40 to 125	SMD
SQR8042CA		8.0	8.0	4.5	1.3-47	0.95-6.3	0.7-3.85	-40 to 125	SMD
SQR8065C		8.0	8.0	6.8	1.2-150	0.65-8	0.52-4.5	-40 to 125	SMD
SQR8065CA		8.0	8.0	6.8	1.3-150	0.65-7.65	0.52-4.3	-40 to 125	SMD
SGQR8065CA		8.0	8.0	6.8	1.3-150	0.65-7.65	0.52-4.3	-40 to 125	SMD
SQR1042C		10.0	10.0	4.5	1.5-100	0.95-8.15	0.55-4.3	-40 to 125	SMD
SQR1065C		10.0	10.0	6.8	1.5-220	0.95-11.8	0.44-5.05	-40 to 125	SMD
SGQR1065CA		10.0	10.0	6.8	1.8-220	0.95-10.8	0.44-4.8	-40 to 125	SMD
SQR1242C		12.0	12.0	4.5	1.2-120	1.2-12.5	0.55-4.85	-40 to 125	SMD
SQR1257C		12.0	12.0	6.0	1.2-330	0.9-15.4	0.4-5.4	-40 to 125	SMD
SQR1277C		12.0	12.0	8.0	2-560	0.8-14.7	0.36-4.9	-40 to 125	SMD
SQR1277CA		12.0	12.0	8.0	2.2-180	2.1-18.6	0.67-4.6	-40 to 125	SMD
SGQR1277CA		12.0	12.0	8.0	2.2-180	2.1-18.6	0.68-4.2	-40 to 125	SMD



Corner sensor Transformers

Type		W (mm)	D (mm)	H max (mm)	L (μH)	Number of terminals	Temp range (°C)	Pkg
5RGHB		5.7	5.7	7.1	4000	5	-40 to 125	SMD
5RFH		5.7	5.7	8.0	4000	5	-40 to 125	SMD
5RFHB		5.7	5.7	8.0	4000	5	-40 to 125	SMD





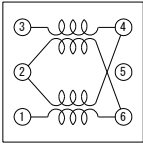
Type		W (mm)	D (mm)	H max (mm)	Number of terminals	Temp range (°C)	Pkg
4BMH		4.80	3.40	2.00	6	-25 to 105	SMD
4BLH		4.20	5.00	3.20	6	-25 to 105	SMD
6BLH		6.45	6.00	3.00	8	-25 to 105	SMD
7BKH		7.20	8.40	3.80	8	-25 to 105	SMD
10BGH		10.80	10.80	6.60	10	-25 to 105	SMD

Type タイプ	SAGAMI Part Number サガミ品番	Winding Turns 巻数 (T)	Operating Frequency Range 使用周波数範囲 (Hz)	Insertion Loss 挿入損失 (dB)	Connection 接続図
4BMH	DKN0002GN2-R	2:2:2	100M~600M	3.0 max.	(G)
4BLH	CUN0002AN2-R	2:2:2:2	50M~1G	4.5 max.	(A)
	CUN0003AN2-R	3:3:3:3	30M~1G	4.0 max.	
	CUN0004AN2-R	4:4:4:4	20M~1G	4.0 max.	
	CUN01R5BN2-R	1.5:1.5	50M~600M	5.0 max.	(B)
	CUN02R5BN3-R	2.5:2.5	50M~600M	3.5 max.	
	CUN03R5CN2-R	3.5:3.5:3.5	50M~500M	10.0 min.	(C)
6BLH	CUN04R5CN2-R	4.5:4.5:4.5	50M~450M	12.0 min.	
	CUN05R5CN2-R	5.5:5.5:5.5	50M~400M	15.0 min.	
	CUN0002DN2-R	2:2	50M~800M	6.5 max.	(D)
	DHN0003EN2-R	3:3:3:3	50M	2.8±2.0	(E)
			100M	7.3±2.5	
			300M	12.0±3.0	
			500M	14.0±3.0	
7BKH	CZN0001EN2-R	1.5:1.5:1.5:1.5	100M 400M	4.0 min. 7.0 min.	(E)
	CZN0002EN2-R	2.5:2.5:2.5:2.5	100M 400M	9.0 min. 12.0 min.	
	CZN0003EN2-R	3.5:3.5:3.5:3.5	50M	11.0 min.	
			100M	15.0 min.	
10BGH	DTT0001GN1-R	1:4:11	0.5M~60M	11.0 Typ.	(H)

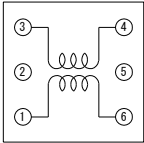
Note: 1.Data shown are values measured on jigs.

記事: 1.記載のデータは、弊社測定治具による値です。

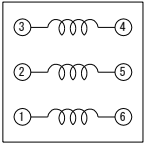
Connection 接続図 (Bottom View)



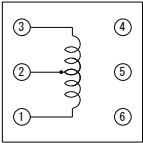
(A)



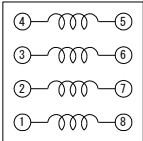
(B)



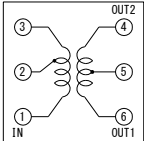
(C)



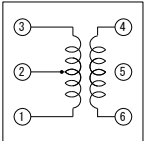
(D)



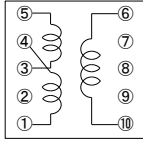
(E)



(F)



(G)



(H)



* 記載内容は、予告無く変更あるいは製造中止する場合があります。ご注文時は最新の情報をご確認ください。
 * Any products mentioned in this catalog are subject to any modification or termination without prior notice. Please check a latest information at placing a purchase order.
 * 記載製品のご使用に際しては、カタログ記載の「注意」をご確認ください。
 * Please refer to "DIRECTIONS" in the catalog for proper use of the products.

●国内営業所

○本社営業部

〒230-0024 神奈川県横浜市鶴見区市場下町10-30
TEL 045-511-3143 FAX 045-511-3145

○西日本営業所

〒573-0032 大阪府枚方市岡東町14-16
第8松葉ビル202号室
TEL 072-391-9812 FAX 072-391-9813

●海外営業拠点/World Sales Branches Offices

○SAGAMI ELECTRONICS CO., LTD.

Room304, International Plaza, 20 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong
TEL +852-2796-9861 FAX +852-2796-9616

○SAGAMI ELECTRONIC (SHENZHEN) CO., LTD. SALES DIVISION

Room101-401, No.12 & Room101-401, No.13, Yongshun Street, Zhucun, Xinhe Community,
Fucheng Subdistrict, Longhua District, Shenzhen, Guangdong, China
TEL +86-755-2798-5214 FAX +86-755-2799-9394

○SAGAMI ELECTRONIC (SHENZHEN) CO., LTD. SHANGHAI OFFICE

Room 607, 6/F, building 16th, No. 399 Xinlong Road, Minhang District, Shanghai, China
TEL +86-21-5877-6006 FAX +86-21-6888-9985

○SAGAMI SINGAPORE PTE. LTD.

No. 2 Venture Drive #11-13 Vision Exchange, Singapore 608526
TEL +65-6567-2925

サガミエレクトロニクス株式会社

〒230-0024 神奈川県横浜市鶴見区市場下町10-30
【代表】TEL 045-511-3141 FAX 045-511-3683

SAGAMI ELEC CO., LTD.

10-30, Ichibashimo-cho, Tsurumi-ku Yokohama, Kanagawa 230-0024, Japan
TEL +81-45-511-3141 FAX +81-45-511-3683

<https://www.sagami-elec.co.jp>

発行2025年5月

