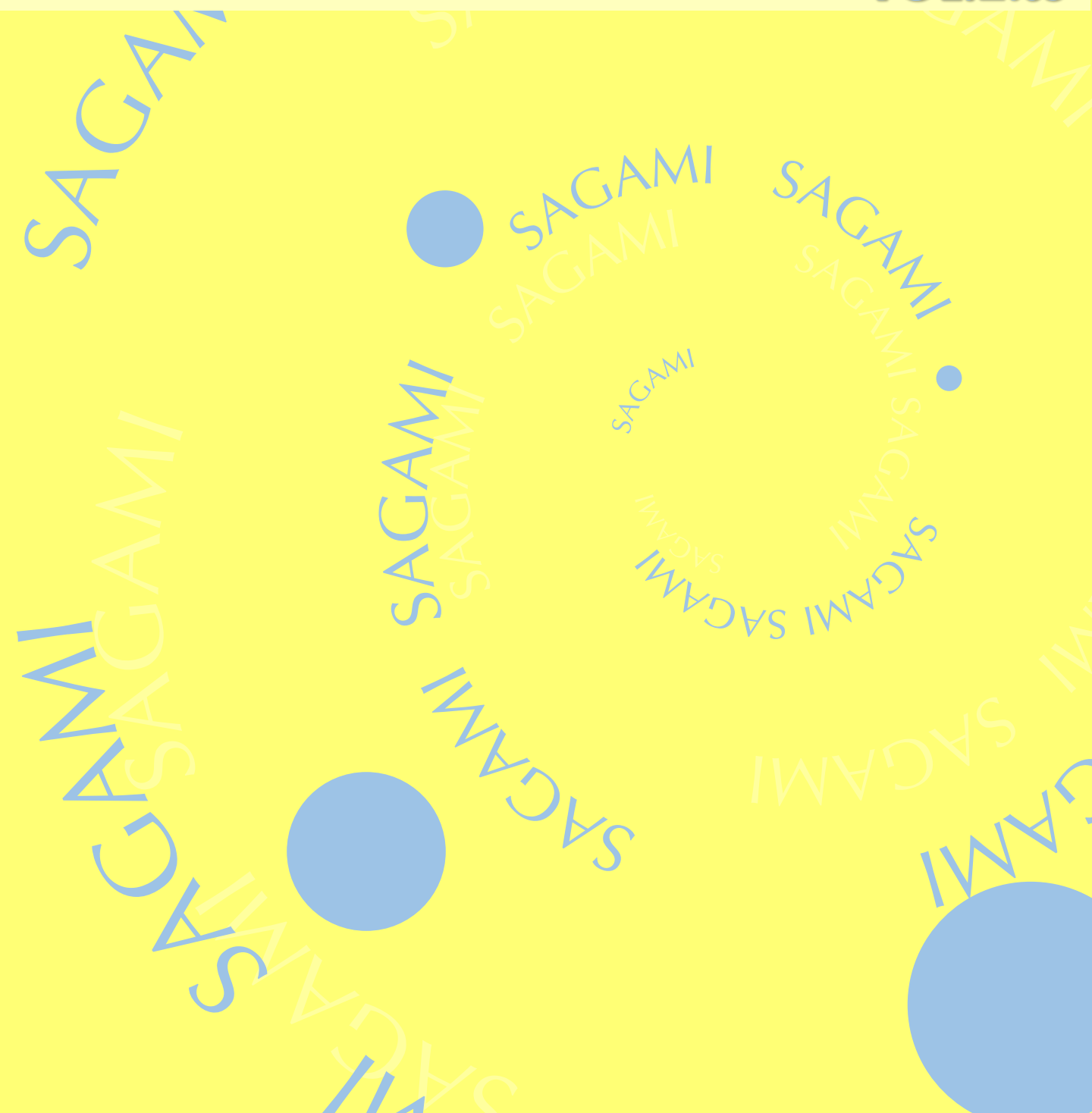


# SAGAMI COIL SELECTION GUIDE

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。
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- 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。

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- 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

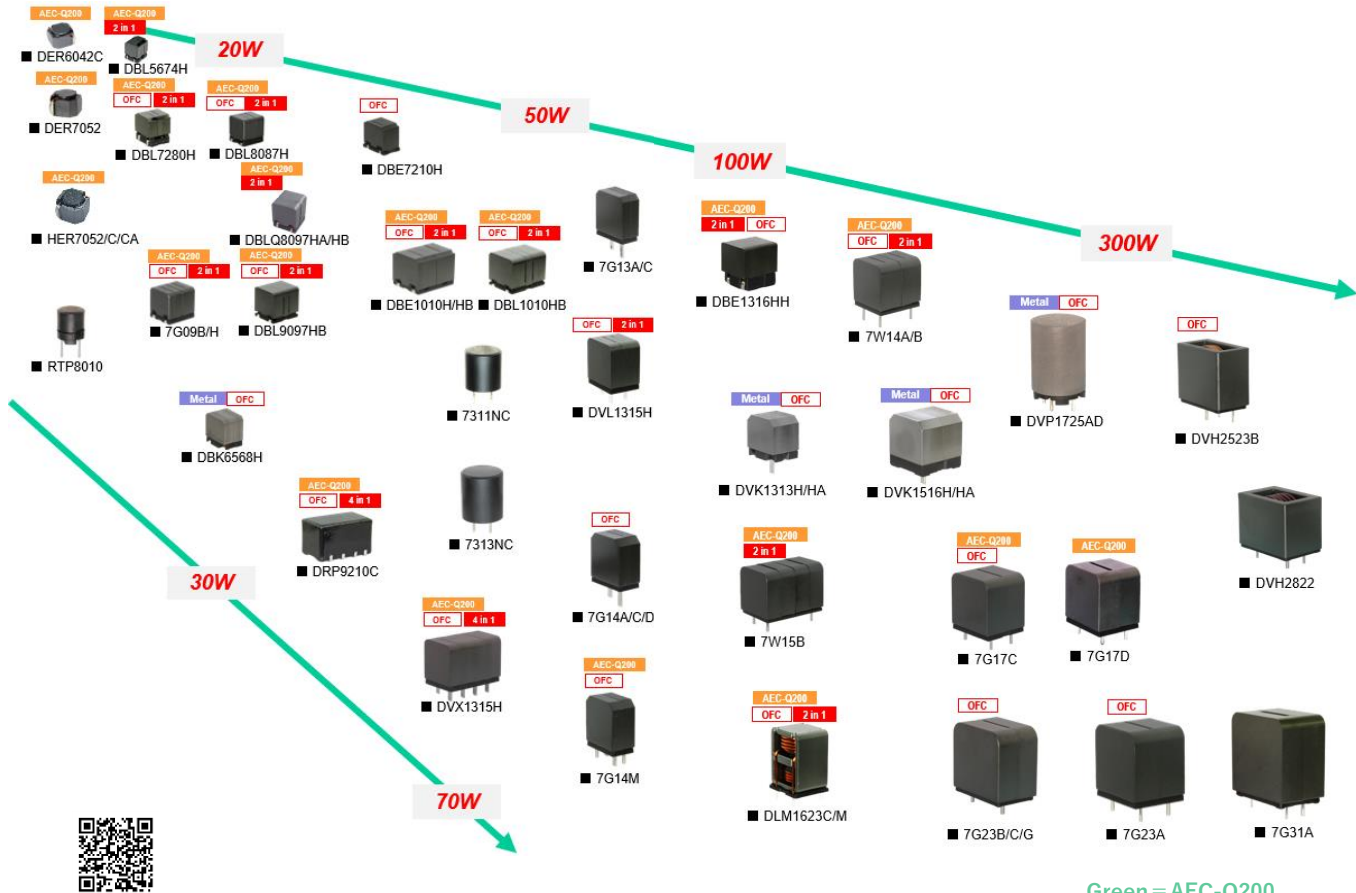
DC/DC Converter Transformer for Automotive Equipment--11

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 |
|----------------------------|--------|--------|------------|--------|-----------|----------|-----------------|-----|
| <a href="#">DBL5674H</a>   | 5.6    | 6.1    | 8          | 3.3    | 4.9       | 2.9      | -40 to 125      | SMD |
| <a href="#">DER6042C</a>   | 6.0    | 6.0    | 4.5        | 3.3-22 | 2.8-7     | 1.3-4.8  | -40 to 125      | SMD |
| <a href="#">DBK6568H</a>   | 6.5    | 5.0    | 7.3        | 3.3-12 | 8-14.8    | 2.2-4.3  | -40 to 125      | SMD |
| <a href="#">DER7052</a>    | 7.0    | 7.0    | 5.5        | 7.5-22 | 2.1-3.4   | 1.4-3    | -40 to 125      | SMD |
| <a href="#">DBE7210H</a>   | 11.0   | 7.2    | 10.2       | 10-22  | 4.3-6     | 3-3.6    | -40 to 125      | SMD |
| <a href="#">DBL7280H</a>   | 7.2    | 6.7    | 8.5        | 1-10   | 3.1-12.2  | 2-5      | -40 to 125      | SMD |
| <a href="#">DBL8087H</a>   | 8.0    | 8.0    | 9.0        | 3.3-22 | 3-7.2     | 1.8-3.9  | -40 to 125      | SMD |
| <a href="#">DBLQ8097HA</a> | 8.0    | 8.0    | 10.0       | 3.3-5  | 5.7-8.1   | 4-4.6    | -40 to 125      | SMD |
| <a href="#">DBLQ8097HB</a> | 8.0    | 8.0    | 10.0       | 3.3    | 9.8       | 3.3      | -40 to 125      | SMD |
| <a href="#">7G09B</a>      | 9.0    | 10.0   | 10.0       | 3.3-22 | 3.2-8.1   | 2.5-4.8  | -40 to 125      | SMD |
| <a href="#">DBL9097HB</a>  | 9.0    | 10.0   | 10.0       | 3.3-22 | 3.2-8.1   | 2.5-4.8  | -40 to 125      | SMD |
| <a href="#">DBE1010H</a>   | 10.5   | 12.8   | 10.2       | 10     | 8.5       | 3.7      | -40 to 125      | SMD |
| <a href="#">DBE1010HB</a>  | 10.5   | 12.8   | 10.2       | 3.3-22 | 4.3-12    | 3-5.1    | -40 to 125      | SMD |
| <a href="#">DBL1010HB</a>  | 10.5   | 12.8   | 10.7       | 3.3-22 | 4.3-11.6  | 3-5.4    | -40 to 125      | SMD |
| <a href="#">DBE1316HH</a>  | 13.5   | 15.0   | 16.0       | 5-10   | 11.1-16.3 | 6.2-9.1  | -40 to 125      | SMD |
| <a href="#">DRP9210C</a>   | 9.2    | 15.3   | 10.0       | 3.3-10 | 6.9-12.9  | 2.2-4.2  | -40 to 125      | SMD |



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



Green = AEC-Q200

| Type                      |  | W<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Isat<br>(A) | Irat<br>(A) | Temp range<br>(°C) | Pkg |
|---------------------------|--|-----------|-----------|---------------|-----------|-------------|-------------|--------------------|-----|
| <a href="#">7E03LA</a>    |  | 3.0       | 3.0       | 1.5           | 1.2-39    | 0.25-1.3    | 0.38-2.2    | -25 to 105         | SMD |
| <a href="#">7E03LB</a>    |  | 3.0       | 3.0       | 1.5           | 1.2-22    | 0.44-1.9    | 0.44-1.9    | -25 to 105         | SMD |
| <a href="#">7E03NA</a>    |  | 3.0       | 3.0       | 2.0           | 1.2-180   | 0.11-1.2    | 0.27-3.3    | -25 to 105         | SMD |
| <a href="#">7E03NB</a>    |  | 3.0       | 3.0       | 2.0           | 1.2-56    | 0.35-2.2    | 0.35-2.2    | -25 to 105         | SMD |
| <a href="#">7E04SA</a>    |  | 4.0       | 4.0       | 1.8           | 1.5-39    | 0.26-1.4    | 0.5-2.9     | -25 to 105         | SMD |
| <a href="#">7E04SB</a>    |  | 4.0       | 4.0       | 1.8           | 1.5-27    | 0.45-1.8    | 0.55-2.6    | -25 to 105         | SMD |
| <a href="#">7E04LA</a>    |  | 4.0       | 4.0       | 2.0           | 1.5-56    | 0.22-1.4    | 0.5-3.1     | -25 to 105         | SMD |
| <a href="#">7E04LB</a>    |  | 4.0       | 4.0       | 2.0           | 1.5-39    | 0.39-2      | 0.53-2.9    | -25 to 105         | SMD |
| <a href="#">7E04NA</a>    |  | 4.0       | 4.0       | 3.0           | 1.5-150   | 0.19-2      | 0.35-3.6    | -25 to 105         | SMD |
| <a href="#">7E04NB</a>    |  | 4.0       | 4.0       | 3.0           | 1.5-100   | 0.27-2.3    | 0.4-3.1     | -25 to 105         | SMD |
| <a href="#">7E05DD</a>    |  | 5.0       | 5.0       | 2.0           | 1.3-47    | 0.72-4.51   | 0.76-4.69   | -25 to 105         | SMD |
| <a href="#">7E05ED</a>    |  | 5.0       | 5.0       | 3.0           | 1.4-100   | 0.66-6.14   | 0.59-4.68   | -25 to 105         | SMD |
| <a href="#">7E06LA</a>    |  | 6.0       | 6.0       | 2.0           | 1.2-120   | 0.25-2.4    | 0.42-4.8    | -25 to 105         | SMD |
| <a href="#">7E06LB</a>    |  | 6.0       | 6.0       | 2.0           | 1.2-82    | 0.4-3.1     | 0.44-4.1    | -25 to 105         | SMD |
| <a href="#">7E06NA</a>    |  | 6.0       | 6.0       | 3.0           | 1.2-1000  | 0.14-3.4    | 0.22-5.6    | -25 to 105         | SMD |
| <a href="#">7E06NB</a>    |  | 6.0       | 6.0       | 3.0           | 1.2-270   | 0.26-3.6    | 0.33-5.2    | -25 to 105         | SMD |
| <a href="#">CER3017C</a>  |  | 3.0       | 3.0       | 2.0           | 1.2-56    | 0.35-2.2    | 0.35-2.2    | -40 to 150         | SMD |
| <a href="#">CER4017C</a>  |  | 4.0       | 4.0       | 2.0           | 1.5-39    | 0.5-2.5     | 0.67-3.3    | -40 to 150         | SMD |
| <a href="#">CER4027C</a>  |  | 4.0       | 4.0       | 3.0           | 1.5-100   | 0.41-3.4    | 0.48-3.6    | -40 to 150         | SMD |
| <a href="#">CER5017C</a>  |  | 5.0       | 5.0       | 2.0           | 1.3-47    | 0.72-4      | 0.76-3.52   | -40 to 150         | SMD |
| <a href="#">CER5027C</a>  |  | 5.0       | 5.0       | 3.0           | 1.4-100   | 0.66-6.14   | 0.59-4.68   | -40 to 150         | SMD |
| <a href="#">CER6017C</a>  |  | 6.0       | 6.0       | 2.0           | 1.2-82    | 0.51-4.14   | 0.58-4.84   | -40 to 150         | SMD |
| <a href="#">CER6027C</a>  |  | 6.0       | 6.0       | 3.0           | 1.2-270   | 0.37-5.54   | 0.39-6.7    | -40 to 150         | SMD |
| <a href="#">CER6027V</a>  |  | 6.0       | 6.0       | 3.0           | 100-1000  | 0.2-0.57    | 0.27-0.88   | -40 to 150         | SMD |
| <a href="#">CER6042C</a>  |  | 6.0       | 6.0       | 4.5           | 1-820     | 0.33-9.1    | 0.3-6.4     | -40 to 150         | SMD |
| <a href="#">CER7027B</a>  |  | 7.0       | 7.0       | 3.0           | 1.1-1000  | 0.24-7.3    | 0.2-6.55    | -40 to 125         | SMD |
| <a href="#">CER7027C</a>  |  | 7.0       | 7.0       | 3.0           | 1.1-1000  | 0.24-7.3    | 0.2-6.55    | -40 to 150         | SMD |
| <a href="#">CER7032B</a>  |  | 7.0       | 7.0       | 3.5           | 1.2-1000  | 0.23-6.85   | 0.22-6.4    | -40 to 125         | SMD |
| <a href="#">CER7032C</a>  |  | 7.0       | 7.0       | 3.5           | 1.2-1000  | 0.23-6.85   | 0.22-6.4    | -40 to 150         | SMD |
| <a href="#">CER7042B</a>  |  | 7.0       | 7.0       | 4.5           | 1.2-1000  | 0.24-6.65   | 0.28-7      | -40 to 125         | SMD |
| <a href="#">CER7042BA</a> |  | 7.0       | 7.0       | 4.5           | 1.2-1000  | 0.28-7.75   | 0.26-6.55   | -40 to 125         | SMD |
| <a href="#">CER7042C</a>  |  | 7.0       | 7.0       | 4.5           | 1.2-1000  | 0.24-6.65   | 0.28-7      | -40 to 150         | SMD |
| <a href="#">CER7042CA</a> |  | 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<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Isat<br>(A) | Irat<br>(A) | Temp range<br>(°C) | Pkg |
|---------------------------|-------------------------------------------------------------------------------------|-----------|-----------|---------------|-----------|-------------|-------------|--------------------|-----|
| <a href="#">CER7052B</a>  |    | 7.0       | 7.0       | 5.5           | 1.2-1000  | 0.33-9.5    | 0.29-6.2    | -40 to 125         | SMD |
| <a href="#">CER7052C</a>  |    | 7.0       | 7.0       | 5.5           | 1.2-1000  | 0.33-9.5    | 0.29-6.2    | -40 to 150         | SMD |
| <a href="#">CER7052V</a>  |    | 7.0       | 7.0       | 5.5           | 100-1000  | 0.33-1      | 0.26-0.94   | -40 to 150         | SMD |
| <a href="#">CER8042B</a>  |    | 8.0       | 8.0       | 4.5           | 1.1-1000  | 0.45-13.2   | 0.32-8      | -40 to 125         | SMD |
| <a href="#">CER8042C</a>  |    | 8.0       | 8.0       | 4.5           | 1.1-1000  | 0.45-13.2   | 0.32-8      | -40 to 150         | SMD |
| <a href="#">CER8065B</a>  |    | 8.0       | 8.0       | 6.8           | 1.2-1000  | 0.53-15.4   | 0.41-7.45   | -40 to 125         | SMD |
| <a href="#">CER8065C</a>  |    | 8.0       | 8.0       | 6.8           | 1.2-1000  | 0.53-15.4   | 0.41-7.45   | -40 to 150         | SMD |
| <a href="#">CER8065V</a>  |    | 8.0       | 8.0       | 6.8           | 100-1000  | 0.53-1.65   | 0.38-1.19   | -40 to 150         | SMD |
| <a href="#">CER1042B</a>  |    | 10.0      | 10.0      | 4.5           | 1.5-1000  | 0.54-12.2   | 0.4-8.25    | -40 to 125         | SMD |
| <a href="#">CER1042C</a>  |    | 10.0      | 10.0      | 4.5           | 1.5-1000  | 0.54-12.2   | 0.4-8.25    | -40 to 150         | SMD |
| <a href="#">CER1065B</a>  |    | 10.0      | 10.0      | 6.8           | 1-1000    | 0.7-20.4    | 0.53-9.3    | -40 to 125         | SMD |
| <a href="#">CER1065C</a>  |    | 10.0      | 10.0      | 6.8           | 1-1000    | 0.7-20.4    | 0.53-9.3    | -40 to 150         | SMD |
| <a href="#">CER1065V</a>  |    | 10.0      | 10.0      | 6.8           | 100-1000  | 0.7-2.15    | 0.49-1.56   | -40 to 150         | SMD |
| <a href="#">CER1242B</a>  |    | 12.0      | 12.0      | 4.5           | 1.3-1000  | 0.58-16     | 0.47-9.9    | -40 to 125         | SMD |
| <a href="#">CER1242C</a>  |    | 12.0      | 12.0      | 4.5           | 1.3-1000  | 0.58-16     | 0.47-9.9    | -40 to 150         | SMD |
| <a href="#">CER1257B</a>  |   | 12.0      | 12.0      | 6.0           | 2.2-1000  | 0.73-17.1   | 0.55-9.9    | -40 to 125         | SMD |
| <a href="#">CER1257C</a>  |  | 12.0      | 12.0      | 6.0           | 2.2-1000  | 0.73-17.1   | 0.55-9.9    | -40 to 150         | SMD |
| <a href="#">CER1277B</a>  |  | 12.0      | 12.0      | 8.0           | 2.2-1000  | 0.89-17.7   | 0.68-9.6    | -40 to 125         | SMD |
| <a href="#">CER1277C</a>  |  | 12.0      | 12.0      | 8.0           | 2.2-1000  | 0.89-17.7   | 0.68-9.6    | -40 to 150         | SMD |
| <a href="#">HER3027</a>   |  | 3.0       | 3.0       | 3.0           | 1-68      | 0.35-2.85   | 0.35-2.6    | -40 to 125         | SMD |
| <a href="#">HER3027C</a>  |  | 3.0       | 3.0       | 3.0           | 1-68      | 0.35-2.85   | 0.35-2.6    | -40 to 150         | SMD |
| <a href="#">HER4027</a>   |  | 4.0       | 4.0       | 3.1           | 1-100     | 0.4-3.9     | 0.36-3.2    | -40 to 125         | SMD |
| <a href="#">HER4027C</a>  |  | 4.0       | 4.0       | 3.1           | 1-100     | 0.4-3.9     | 0.36-3.2    | -40 to 150         | SMD |
| <a href="#">HER5027</a>   |  | 5.0       | 5.0       | 3.1           | 1-180     | 0.35-5.5    | 0.37-5.3    | -40 to 125         | SMD |
| <a href="#">HER5027C</a>  |  | 5.0       | 5.0       | 3.1           | 1-180     | 0.35-5.5    | 0.37-5.3    | -40 to 150         | SMD |
| <a href="#">HER6027</a>   |  | 6.0       | 6.0       | 3.1           | 0.82-470  | 0.3-7.2     | 0.3-6.7     | -40 to 125         | SMD |
| <a href="#">HER6027C</a>  |  | 6.0       | 6.0       | 3.1           | 0.82-47   | 0.9-7.2     | 0.9-6.7     | -40 to 150         | SMD |
| <a href="#">HER6042C</a>  |  | 6.0       | 6.0       | 4.5           | 0.82-560  | 0.44-11.2   | 0.38-7      | -40 to 150         | SMD |
| <a href="#">HER7052</a>   |  | 7.0       | 7.0       | 5.5           | 3.3-47    | 2.6-7.7     | 0.89-3.5    | -40 to 125         | SMD |
| <a href="#">HER7052C</a>  |  | 7.0       | 7.0       | 5.5           | 3.3-47    | 2.6-7.7     | 0.89-3.5    | -40 to 125         | SMD |
| <a href="#">HER7052CA</a> |  | 7.0       | 7.0       | 5.5           | 3.3-47    | 1.9-8       | 1.1-4.9     | -40 to 125         | SMD |
| <a href="#">HER8080</a>   |  | 8.0       | 8.0       | 8.4           | 1.5-470   | 0.84-14.5   | 0.65-7.73   | -40 to 125         | SMD |
| <a href="#">HER8080C</a>  |  | 8.0       | 8.0       | 8.4           | 1.5-470   | 0.84-14.5   | 0.65-7.73   | -40 to 150         | SMD |
| <a href="#">HER1090</a>   |  | 10.0      | 10.0      | 9.2           | 1.1-1000  | 0.95-25.7   | 0.62-9.3    | -40 to 125         | SMD |
| <a href="#">HER1090C</a>  |  | 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



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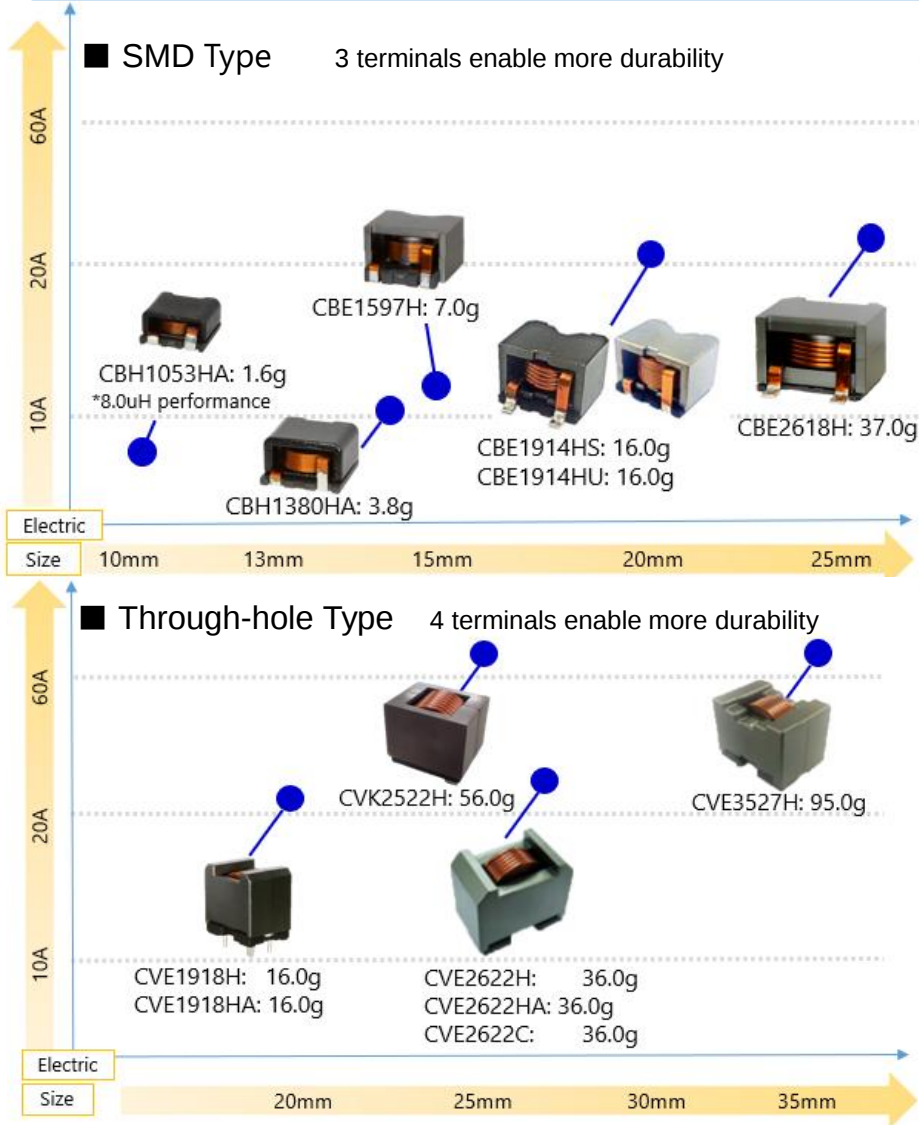
Green = AEC-Q200

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

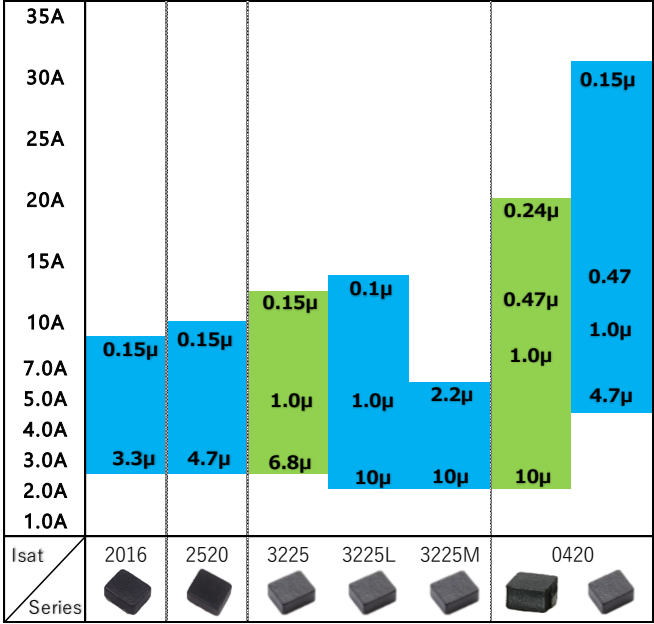


| Type                      |                                                                                     | W<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Isat<br>(A) | Irat<br>(A) | Temp range<br>(°C) | Pkg |
|---------------------------|-------------------------------------------------------------------------------------|-----------|-----------|--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



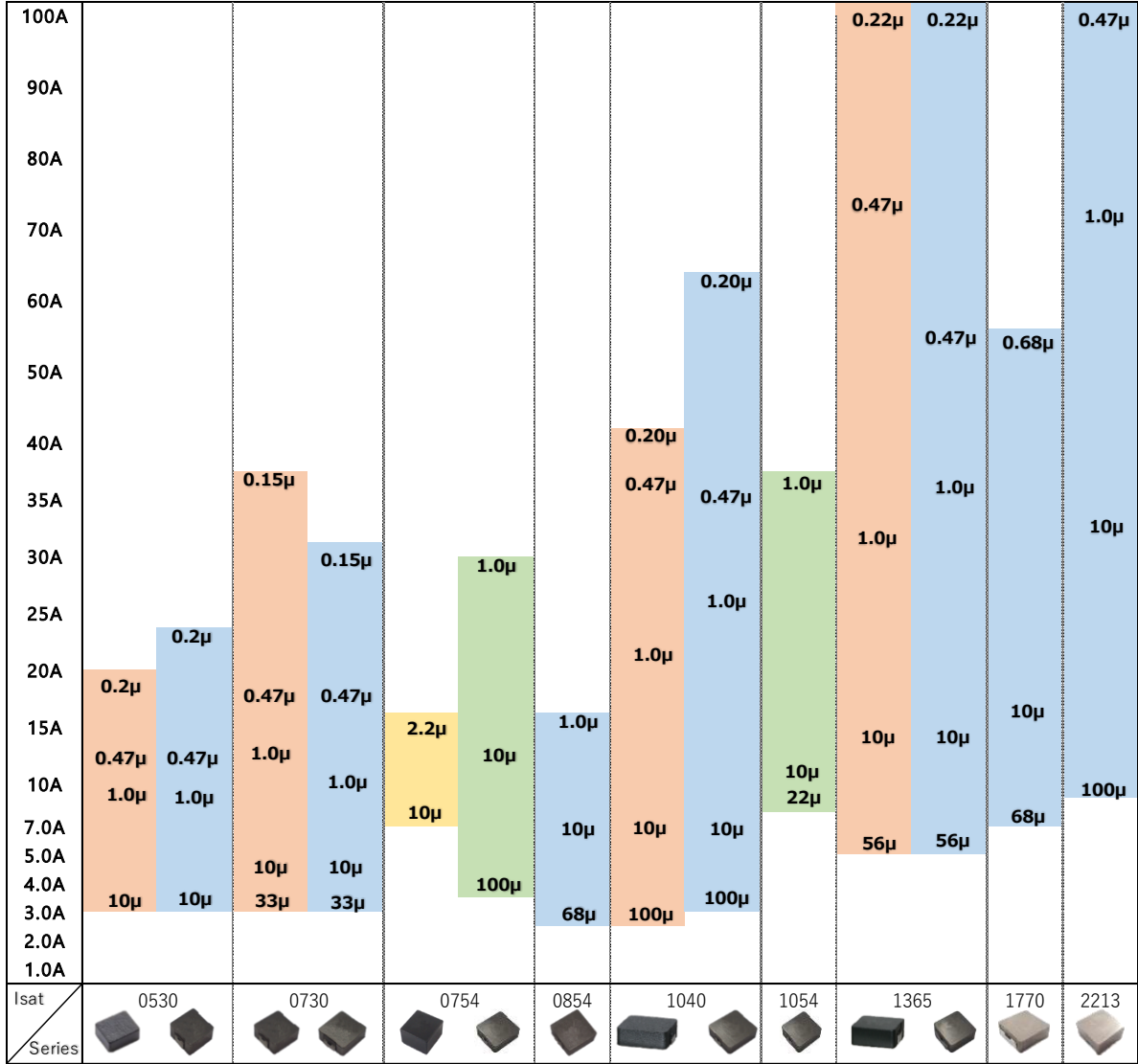
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Selection Map



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<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Isat<br>(A) | Irat<br>(A) | Temp range<br>(°C) | Pkg |
|--------------------------|--|-----------|-----------|---------------|-----------|-------------|-------------|--------------------|-----|
| <a href="#">XRJ2016</a>  |  | 2.0       | 1.6       | 1.0           | 0.15-3.3  | 2-7.5       | 1.2-5.4     | -40 to 125         | SMD |
| <a href="#">XRJ2520</a>  |  | 2.5       | 2.0       | 1.2           | 0.15-4.7  | 2.1-8.7     | 1.5-5.8     | -40 to 125         | SMD |
| <a href="#">XRK3225</a>  |  | 3.2       | 2.5       | 1.2           | 0.15-6.8  | 2-11.6      | 1.3-6.8     | -40 to 125         | SMD |
| <a href="#">XRJ3225L</a> |  | 3.2       | 2.5       | 1.2           | 0.1-10    | 1.7-12      | 1.1-7       | -40 to 125         | SMD |
| <a href="#">XRJ3225M</a> |  | 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 |
| <a href="#">XRK0530A</a> |  | 5.4       | 5.1       | 3.0           | 0.2-10    | 2.3-24      | 2.3-15.8    | -40 to 150         | SMD |
| <a href="#">XRK0530B</a> |  | 5.4       | 5.2       | 3.0           | 0.2-22    | 1.7-23      | 1.7-20.5    | -40 to 150         | SMD |
| <a href="#">XRK0730A</a> |  | 7.1       | 6.8       | 3.0           | 0.15-33   | 2.3-36      | 1.6-18.5    | -40 to 150         | SMD |
| <a href="#">XRK0730B</a> |  | 7.0       | 6.6       | 3.0           | 0.15-33   | 2.3-32      | 1.6-24      | -40 to 150         | SMD |
| <a href="#">XRJ0754</a>  |  | 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 |
| <a href="#">XRK0854B</a> |  | 8.1       | 8.0       | 5.4           | 1-68      | 1.9-15      | 2.1-14      | -40 to 150         | SMD |
| <a href="#">XRK1040A</a> |  | 11.1      | 10.0      | 4.0           | 0.2-100   | 2-40        | 1.5-33      | -40 to 150         | SMD |
| <a href="#">XRK1040B</a> |  | 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 |
| <a href="#">XRK1365A</a> |  | 13.2      | 12.5      | 6.5           | 0.22-56   | 4.6-100     | 4.6-41      | -40 to 150         | SMD |
| <a href="#">XRK1365B</a> |  | 13.45     | 12.6      | 6.5           | 0.22-56   | 4.3-100     | 4-44        | -40 to 150         | SMD |
| <a href="#">XRK1770B</a> |  | 17.15     | 17.15     | 7.0           | 0.68-68   | 5.4-57      | 4.4-28      | -40 to 150         | SMD |
| <a href="#">XRK2213B</a> |  | 22.48     | 22.0      | 13.0          | 0.47-100  | 8-100       | 6.4-66      | -40 to 150         | SMD |



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## Inductors for RF

Green = AEC-Q200

| Type                                                                                                       | W<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH)    | SRFmin.<br>(MHz) | I <sub>rat</sub><br>(A) | Temp range<br>(°C) | Pkg |
|------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|--------------|------------------|-------------------------|--------------------|-----|
| <a href="#">C1608CB</a>   | 1.5       | 0.9       | 0.82          | 0.0015-0.39  | 700-6000         | 0.12-0.7                | -40 to 125         | SMD |
| <a href="#">C1608H</a>    | 1.5       | 0.9       | 0.82          | 0.0027-0.047 | 2400-6000        | 0.7-1.4                 | -40 to 125         | SMD |
| <a href="#">C2012CB</a>   | 2.3       | 1.7       | 1.6           | 0.0033-1     | 300-6000         | 0.14-0.6                | -40 to 125         | SMD |
| <a href="#">C2012H</a>    | 2.3       | 1.7       | 1.6           | 0.0027-0.15  | 900-6000         | 0.45-1.5                | -40 to 125         | SMD |
| <a href="#">C3328A</a>    | 3.3       | 2.8       | 2.8           | 0.008-0.0185 | 2200-5000        | 4.0                     | -20 to 85          | SMD |
| <a href="#">C6328A</a>    | 6.3       | 2.8       | 2.8           | 0.0175-0.043 | 1200-2200        | 4.0                     | -40 to 125         | SMD |
| <a href="#">C6342A</a>    | 6.3       | 4.2       | 4.2           | 0.05-0.135   | 500-1000         | 3.0                     | -40 to 125         | SMD |
| <a href="#">BCN1066C</a>  | 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<br>(mm) | D<br>(mm) | H max<br>(mm) | Impedance [100MHz]<br>(Ω) | I <sub>rat</sub><br>(A) | Temp range<br>(°C) | Pkg |
|---------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|---------------------------|-------------------------|--------------------|-----|
| <a href="#">TGQR5027C</a>  | 5.0       | 5.0       | 3.0           | 813-2095                  | 1.6-2.0                 | -40 to 150         | SMD |
| <a href="#">TQR5017C</a>   | 5.0       | 5.0       | 2.0           | 313-1732                  | 1.4-2.2                 | -40 to 125         | SMD |
| <a href="#">TQR5027C</a>   | 5.0       | 5.0       | 3.0           | 300-1496                  | 1.9-2.8                 | -40 to 125         | SMD |
| <a href="#">TQR8048C</a>   | 8.0       | 8.0       | 5.1           | 258-1096                  | 4.1-5.5                 | -40 to 125         | SMD |
| <a href="#">TQR1250C</a>   | 12.0      | 12.0      | 5.3           | 619-1145                  | 4.5-5.6                 | -40 to 125         | SMD |
| <a href="#">PRCG4036C</a>  | 5.7       | 4.3       | 3.9           | 67                        | 9.1                     | -40 to 150         | SMD |
| <a href="#">TDG5629C</a>   | 5.6       | 9.0       | 3.3           | 52                        | 19.1                    | -40 to 150         | SMD |
| <a href="#">TDG6029C</a>   | 6.0       | 8.8       | 3.5           | 50                        | 7.0                     | -40 to 125         | SMD |

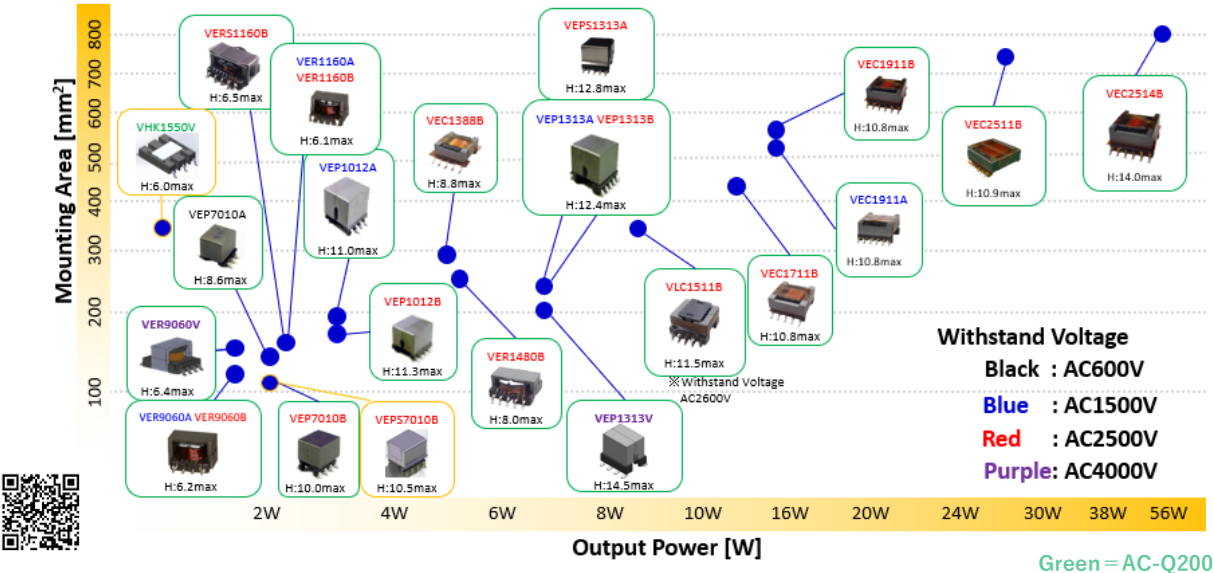


## Antenna

| Type                                                                                                        | W<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | DCR max.<br>(Ω) | Temp range<br>(°C) | Pkg |
|-------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|-----------|-----------------|--------------------|-----|
| <a href="#">AME1136</a>  | 11.6      | 13        | 3.9           | 4.9-7.2   | 153-209         | -40 to 125         | SMD |



Selection Map



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



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



Coupled Inductors

Green = AEC-Q200

| Type                       |  | W<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Isat<br>(A) | Irat<br>(A) | Temp range<br>(°C) | Pkg |
|----------------------------|--|-----------|-----------|---------------|-----------|-------------|-------------|--------------------|-----|
| <a href="#">SQR8042C</a>   |  | 8.0       | 8.0       | 4.5           | 1-47      | 0.95-6.3    | 0.7-4.25    | -40 to 125         | SMD |
| <a href="#">SQR8042CA</a>  |  | 8.0       | 8.0       | 4.5           | 1.3-47    | 0.95-6.3    | 0.7-3.85    | -40 to 125         | SMD |
| <a href="#">SQR8065C</a>   |  | 8.0       | 8.0       | 6.8           | 1.2-150   | 0.65-8      | 0.52-4.5    | -40 to 125         | SMD |
| <a href="#">SQR8065CA</a>  |  | 8.0       | 8.0       | 6.8           | 1.3-150   | 0.65-7.65   | 0.52-4.3    | -40 to 125         | SMD |
| <a href="#">SGQR8065CA</a> |  | 8.0       | 8.0       | 6.8           | 1.3-150   | 0.65-7.65   | 0.52-4.3    | -40 to 125         | SMD |
| <a href="#">SQR1042C</a>   |  | 10.0      | 10.0      | 4.5           | 1.5-100   | 0.95-8.15   | 0.55-4.3    | -40 to 125         | SMD |
| <a href="#">SQR1065C</a>   |  | 10.0      | 10.0      | 6.8           | 1.5-220   | 0.95-11.8   | 0.44-5.05   | -40 to 125         | SMD |
| <a href="#">SGQR1065CA</a> |  | 10.0      | 10.0      | 6.8           | 1.8-220   | 0.95-10.8   | 0.44-4.8    | -40 to 125         | SMD |
| <a href="#">SQR1242C</a>   |  | 12.0      | 12.0      | 4.5           | 1.2-120   | 1.2-12.5    | 0.55-4.85   | -40 to 125         | SMD |
| <a href="#">SQR1257C</a>   |  | 12.0      | 12.0      | 6.0           | 1.2-330   | 0.9-15.4    | 0.4-5.4     | -40 to 125         | SMD |
| <a href="#">SQR1277C</a>   |  | 12.0      | 12.0      | 8.0           | 2-560     | 0.8-14.7    | 0.36-4.9    | -40 to 125         | SMD |
| <a href="#">SQR1277CA</a>  |  | 12.0      | 12.0      | 8.0           | 2.2-180   | 2.1-18.6    | 0.67-4.6    | -40 to 125         | SMD |
| <a href="#">SGQR1277CA</a> |  | 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<br>(mm) | D<br>(mm) | H max<br>(mm) | L<br>(μH) | Number of<br>terminals | Temp range<br>(°C) | Pkg |
|-----------------------|--|-----------|-----------|---------------|-----------|------------------------|--------------------|-----|
| <a href="#">5RGHB</a> |  | 5.7       | 5.7       | 7.1           | 4000      | 5                      | -40 to 125         | SMD |
| <a href="#">5RFH</a>  |  | 5.7       | 5.7       | 8.0           | 4000      | 5                      | -40 to 125         | SMD |
| <a href="#">5RFHB</a> |  | 5.7       | 5.7       | 8.0           | 4000      | 5                      | -40 to 125         | SMD |





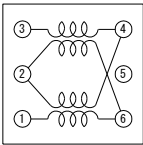
| Type                  |  | W<br>(mm) | D<br>(mm) | H max<br>(mm) | Number of terminals | Temp range<br>(°C) | Pkg |
|-----------------------|--|-----------|-----------|---------------|---------------------|--------------------|-----|
| <a href="#">4BMH</a>  |  | 4.80      | 3.40      | 2.00       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

| Type<br>タイプ  | SAGAMI<br>Part Number<br>サガミ品番 | Winding<br>Turns<br>巻数<br>(T) | Operating<br>Frequency Range<br>使用周波数範囲<br>(Hz) | Insertion<br>Loss<br>挿入損失<br>(dB)          | Connection<br>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)               |
| 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)               |
| 6BLH         | DHN0003EN2-R                   | 3:3:3:3                       | 50M<br>100M<br>300M<br>500M                     | 2.8±2.0<br>7.3±2.5<br>12.0±3.0<br>14.0±3.0 | (E)               |
| 7BKH         | CZN0001EN2-R                   | 1.5:1.5:1.5:1.5               | 100M<br>400M                                    | 4.0 min.<br>7.0 min.                       | (E)               |
|              | CZN0002EN2-R                   | 2.5:2.5:2.5:2.5               | 100M<br>400M                                    | 9.0 min.<br>12.0 min.                      |                   |
|              | CZN0003EN2-R                   | 3.5:3.5:3.5:3.5               | 50M<br>100M                                     | 11.0 min.<br>15.0 min.                     |                   |
| 10BGH        | DTT0001GN1-R                   | 1:4:11                        | 0.5M~60M                                        | 11.0 Typ.                                  | (H)               |

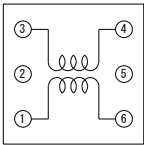
Note: 1.Data shown are values measured on jigs.

記事: 1.記載のデータは、弊社測定治具による値です。

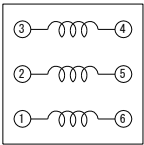
Connection 接続図  
(Bottom View)



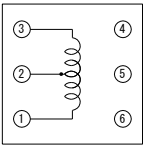
(A)



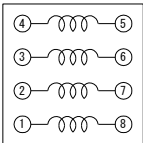
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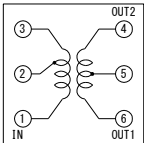
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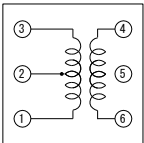
(D)



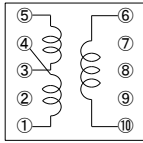
(E)



(F)



(G)



(H)



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