## Part Numbering

### Chip Ferrite Bead for Automotive

(Part Number)

| BL | M | 18 | AG | 102 | S | Z | 1 | D |
|---|---|---|---|---|---|---|---|---|
| ❶ | ❷ | ❸ | ❹ | ❺ | ❻ | ❼ | ❽ | ❾ |

❶Product ID

| Product ID | |
|---|---|
| BL | Chip Ferrite Beads |

❷Type

| Code | Type |
|---|---|
| E | DC Bias Characteristics Improved Type |
| M | Ferrite Bead Single Type |

❸Dimensions (LxW)

| Code | Dimensions (LxW) | Size Code (inch) |
|---|---|---|
| 03 | 0.6x0.3mm | 0201 |
| 15 | 1.0x0.5mm | 0402 |
| 18 | 1.6x0.8mm | 0603 |
| 21 | 2.0x1.25mm | 0805 |
| 31 | 3.2x1.6mm | 1206 |
| 32 | 3.2x2.5mm | 1210 |
| 41 | 4.5x1.6mm | 1806 |

❹Characteristics/Applications

| Code *1 | Characteristics/Applications |
|---|---|
| AG | For General Use |
| AJ | |
| AX | |
| BA | For High-speed Signal Lines |
| BB | |
| BC | |
| BD | |
| BX | |
| KG | For Power Lines |
| KN | |
| PD | |
| PE | |
| PG | |
| PN | |
| PS | |
| PX | |
| SG | |
| SN | |
| SP | |
| HG | For GHz Band General Use |
| EB | For GHz Band High-speed Signal Lines (Low Direct Current Type) |
| EG | For GHz Band General Use (Low DC Resistance Type) |
| HB | For GHz Band High-speed Signal Lines |
| HD | |
| HE | |
| GA | For High-GHz Band High-speed Signal Lines |
| GG | For High-GHz Band General Use |
| DN | For High-GHz Band General Use (Low Direct Current Type) |

*1 Frequency characteristics vary with each code.

❺Impedance

Expressed by three figures. The unit is in ohm (Ω) at 100MHz. The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

❻Electrode

Expressed by a letter.

Ex.)

| Code | Electrode |
|---|---|
| S/F/T/B/J/E | Sn Plating |
| A | Au Plating |
| W | Ag/Pd |

❼Category

| Code | Category | |
|---|---|---|
| Z | For Automotive | Infotainment |
| H | | Powertrain, Safety |

❽Number of Circuits

| Code | Number of Circuits |
|---|---|
| 1 | 1 Circuit |

❾Packaging

| Code | Packaging |
|---|---|
| K | Embossed Taping (ø330mm Reel) |
| L | Embossed Taping (ø180mm Reel) |
| B | Bulk |
| J | Paper Taping (ø330mm Reel) |
| D | Paper Taping (ø180mm Reel) |