

BL Chip Ferrite Bead Part Numbering



① Product ID

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

② Type

| Code | Type |
|------|---------------------------------------|
| A | Array Type |
| E | DC Bias Characteristics Improved Type |
| M | Ferrite Bead Single Type |
| T | Assembly Type |

③ Dimensions (LxW)

| Code | Dimensions (LxW) | EIA |
|------|------------------|-------|
| 02 | 0.4x0.2mm | 01005 |
| 03 | 0.6x0.3mm | 0201 |
| 15 | 1.0x0.5mm | 0402 |
| 18 | 1.6x0.8mm | 0603 |
| 2A | 2.0x1.0mm | 0804 |
| 21 | 2.0x1.25mm | 0805 |
| 31 | 3.2x1.6mm | 1206 |
| 32 | 3.2x2.5mm | 1210 |
| 41 | 4.5x1.6mm | 1806 |
| 5B | 5.0x5.0mm | 2020 |

④ Characteristics/Applications

| Code *1 | Characteristics/Applications | Series | |
|---------|--|--------------------------|-------------|
| AG | For General Use | BLM03/15/18/21, BLA2A/31 | |
| AX | | BLM02/03/15 | |
| TG | | BLM18 | |
| BA | For High-speed Signal Lines | BLM15/18 | |
| BB | | BLM02/03/15/18/21, BLA2A | |
| BC | | BLM02/03/15 | |
| BD | | BLM03/15/18/21, BLA2A/31 | |
| BX | | BLM02/03/15 | |
| KD | | For Power Lines | BLM15 |
| KG | BLM18 | | |
| KN | BLM31 | | |
| KX | BLM02KX | | |
| PD | BLM15 | | |
| PG | BLM03/15/18/21/31/41 | | |
| PN | BLE32 | | |
| PX | BLM02/03/15 | | |
| PT | BLT | | |
| SD | BLM18 | | |
| SG | | | |
| SN | For Digital Interface | | BLM18/21 |
| RK | | | |
| HG | For GHz Band General Use | | BLM03/15/18 |
| EB | For GHz Band High-speed Signal Lines (Low Direct Current Type) | BLM03 | |
| EG | For GHz Band General Use (Low DC Resistance Type) | BLM15/18 | |
| EX | | BLM15 | |
| HB | For GHz Band High-speed Signal Lines | BLM03/15/18 | |
| HD | | BLM03/15/18 | |
| HE | | BLM18 | |
| HK | For GHz Band Digital Interface | BLM18 | |
| GA | For High-GHz Band High-speed Signal Lines | BLM15 | |
| GG | For High-GHz Band General Use | BLM15/18 | |

*1 Frequency characteristics vary with each code.

Continued on the following page. ↗

⑤ Impedance

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.

⑥ Electrode

Expressed by a letter.

Ex.)

| Code | Electrode |
|-------|--------------------------|
| S/F/T | Sn Plating |
| A | Au Plating |
| L | Lead Free Solder Plating |

⑦ Category

| Code | Category |
|------|-------------|
| N | For General |

⑧ Number of Circuits

| Code | Number of Circuits |
|------|--------------------|
| 1 | 1 Circuit |
| 4 | 4 Circuits |

⑨ Packaging

| Code | Packaging | Series |
|------|---|--|
| K | Embossed Taping (\varnothing 330mm Reel) | BLE, BLM21 ^{*1} /31K/31P/41 |
| L | Embossed Taping (\varnothing 180mm Reel) | BLE, BLM02B/02K/21 ^{*1} /31/41, BLT |
| B | Bulk | All Series ^{*4} |
| J | Paper Taping (\varnothing 330mm Reel) | BLM03/15/18 ^{*3} /21 ^{*2} , BLA2A/31 |
| D | Paper Taping (\varnothing 180mm Reel) | BLM02/03/15/18/21 ^{*2} , BLA2A/31 |

^{*1} BLM21BD222SN1/BLM21BD272SN1 only.

^{*2} Except for BLM21BD222SN1/BLM21BD272SN1

^{*3} Except for BLM18T

^{*4} Except for BLM02BB

NF Chip EMIFIL® Part Numbering



① Product ID

| Product ID | |
|------------|--------------|
| NF | Chip EMIFIL® |

② Structure

| Code | Structure |
|------|---------------|
| Z | Inductor Type |

③ Dimensions (LxW)

| Code | Dimensions (LxW) | EIA |
|------|------------------|------|
| 15 | 1.0x0.5mm | 0402 |
| 18 | 1.6x0.8mm | 0603 |
| 2M | 2.0x1.6mm | 0806 |
| 2H | 2.5x2.0mm | 1008 |
| 32 | 3.2x2.5mm | 1210 |
| 5B | 5.0x5.0mm | 2020 |

④ Features

| Code | Features |
|------|--|
| SM | For Audio Lines Multilayer Type |
| SW | For Audio Lines Wire Wound Type |
| BW | For LED Lines Wire Wound Type |
| BM | For LED Lines Multilayer Type |
| SG | For Audio Lines Multilayer Type (For GHz Band Use) |

⑤ Impedance

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

⑥ Inductance Tolerance

| Code | Features |
|------|--------------------------------|
| S | For General Use (Sn Plating) |
| H | For General Use (LF Solder) *1 |
| L | For General Use (LF Solder) |

*1 NFZ32SW/32BW_H□1 only.

⑦ Category

| Code | Category |
|------|-------------|
| N | For General |

⑧ Number of Circuits

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

⑨ Specification

| Code | Specification |
|------|---------------|
| 0 | Standard Type |
| 1 | Low Rdc Type |

⑩ Packaging

| Code | Packaging | Series |
|------|--------------------------------------|----------------|
| K | Embossed Taping (ϕ 330mm Reel) | NFZ32/5B |
| L | Embossed Taping (ϕ 180mm Reel) | NFZ2H/2M/32/5B |
| B | Bulk | NFZ15/18/2H/2M |
| D | Paper Taping (ϕ 180mm Reel) | NFZ15/18 |