

Noise Suppression Products/EMI Suppression Filters > Chip EMIFIL Inductor Type > Chip Ferrite Beads

| | |
|---|---------------|
| Product Lifecycle Stage | in Production |
| Recommended Rank | Preferred |

Specification

| | |
|-----------------------------------|----------------|
| Global Part Number | BLM18AG601SN1D |
| Previous Part Number | BLM11A601S |
| Impedance (at 100MHz/20 degree C) | 600ohm ±25% |
| Impedance (at 1GHz/20 degree C) | |
| Rated Current | 500mA |
| DC Resistance(max.) | 0.38ohm |
| Min. of Operating Temp. | -55 |
| Max. of Operating Temp. | +125 |
| Length | 1.6mm |
| Width | 0.8mm |
| Thickness | 0.8mm |
| Number of Circuits | 1 |
| Maximum Signal Frequency | |
| Weight (Typ.) | 0.005g |
| Case Size | 0603 |

Minimum Quantity

| | |
|---------------------|------|
| 180mm Paper Tape | 4000 |
| 180mm Embossed Tape | |
| 330mm Paper Tape | |
| 330mm Embossed Tape | |
| Bulk Case | |



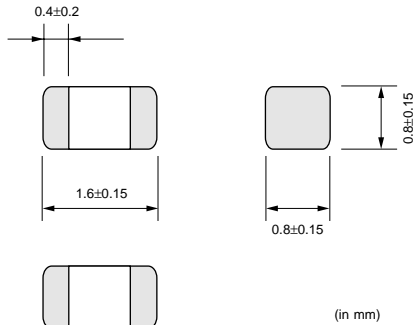
[S Parameter](#)

| | |
|-----------|--|
| Bulk(Bag) | |
| Ammo Pack | |
| 320Reel | |
| Magazine | |
| Box | |

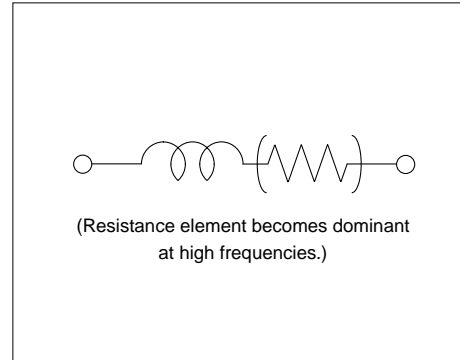
Chip EMIFIL® Inductor Type Chip Ferrite Beads

BLM18A Series (0603 Size)

■ Dimension



■ Equivalent Circuit



■ Packaging

| Code | Packaging | Minimum Quantity |
|------|------------------|------------------|
| D | 180mm Paper Tape | 4000 |
| J | 330mm Paper Tape | 10000 |
| B | Bulk(Bag) | 1000 |

■ Rated Value (□: packaging code)

| Part Number | Impedance (at 100MHz/20°C) | Impedance (at 1GHz/20°C) | Rated Current | DC Resistance(max.) | Operating Temperature Range |
|----------------|-------------------------------|-----------------------------|---------------|---------------------|--------------------------------|
| BLM18AG121SN1□ | 120ohm±25% | - | 500mA | 0.18ohm | -55°C to +125°C |
| BLM18AG151SN1□ | 150ohm±25% | - | 500mA | 0.25ohm | -55°C to +125°C |
| BLM18AG221SN1□ | 220ohm±25% | - | 500mA | 0.25ohm | -55°C to +125°C |
| BLM18AG331SN1□ | 330ohm±25% | - | 500mA | 0.30ohm | -55°C to +125°C |
| BLM18AG471SN1□ | 470ohm±25% | - | 500mA | 0.35ohm | -55°C to +125°C |
| BLM18AG601SN1□ | 600ohm±25% | - | 500mA | 0.38ohm | -55°C to +125°C |
| BLM18AG102SN1□ | 1000ohm±25% | - | 400mA | 0.50ohm | -55°C to +125°C |

Number of Circuits: 1

Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

- This datasheet is downloaded from the website of Murata Manufacturing co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.