

# LQM18FN100M00#

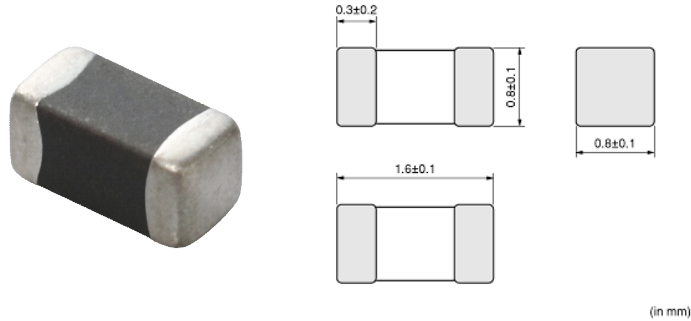
“#” indicates a package specification code.

Size Code 1608 (0603) in mm (in inch)



< List of part numbers with package codes >  
LQM18FN100M00J LQM18FN100M00B LQM18FN100M00D

## Appearance & Shape



## References

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

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.005g |

**Attention**  
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2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

|                                                                    |                |
|--------------------------------------------------------------------|----------------|
| L size                                                             | 1.6±0.1mm      |
| W size                                                             | 0.8±0.1mm      |
| T size                                                             | 0.8±0.1mm      |
| Size code inch (mm)                                                | 0603 (1608)    |
| Inductance                                                         | 10μH±20%       |
| Inductance Test Frequency                                          | 1MHz           |
| Rated current (Itemp) (Based on Temperature rise)                  | 50mA           |
| Max. of DC resistance                                              | 1.17Ω          |
| Class of magnetic shield                                           | Ferrite Core   |
| Self resonance frequency (min.)                                    | 30MHz          |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| DC Resistance Intermediate Values                                  | 0.90Ω±30%      |
| Series                                                             | LQM18FN_00     |

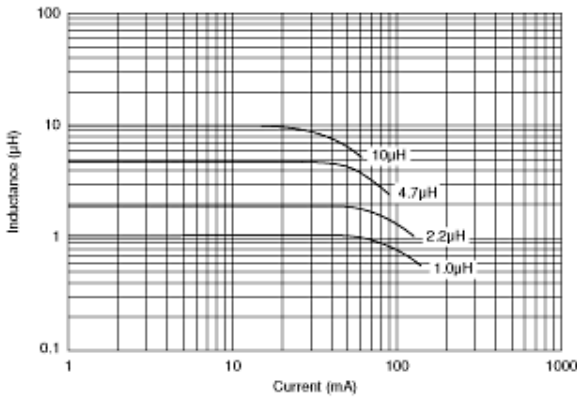
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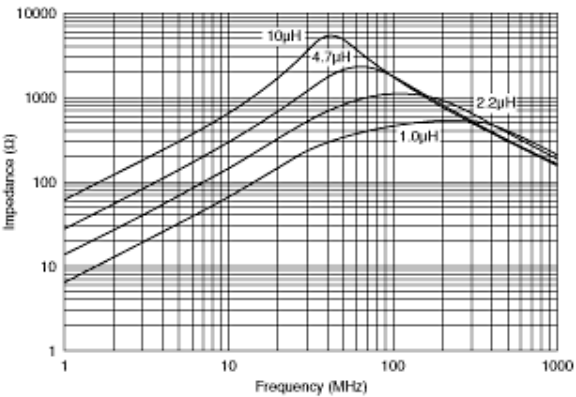
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## Product Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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