

LQM21NN1R8K10#

"#" indicates a package specification code.

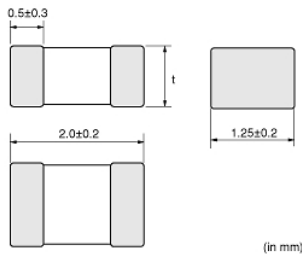
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NN1R8K10B LQM21NN1R8K10D LQM21NN1R8K10J

Appearance & Shape



| Dimension of t | Inductance: 0.1 to 2.2μH | 0.85±0.2 |
|----------------|--------------------------|----------|
| | Inductance: 2.7 to 4.7μH | 1.25±0.2 |

References

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

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.01g |

Attention

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Specifications

| | |
|--|---------------|
| L size | 2.0±0.2mm |
| W size | 1.25±0.2mm |
| T size | 0.85±0.2mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 1.8μH±10% |
| Inductance Test Frequency | 10MHz |
| Rated current (Isat) (Based on Inductance change) | 50mA |
| Rated current (Itemp) (Based on Temperature rise) | 50mA |
| Max. of DC resistance | 0.57Ω |
| Class of magnetic shield | Ferrite Core |
| Q(min.) | 45 |
| Q Test Frequency | 10MHz |
| Self resonance frequency (min.) | 80MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Series | LQM21NN_10 |

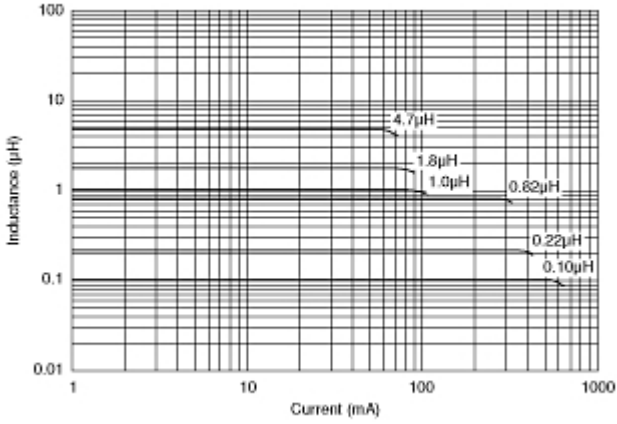
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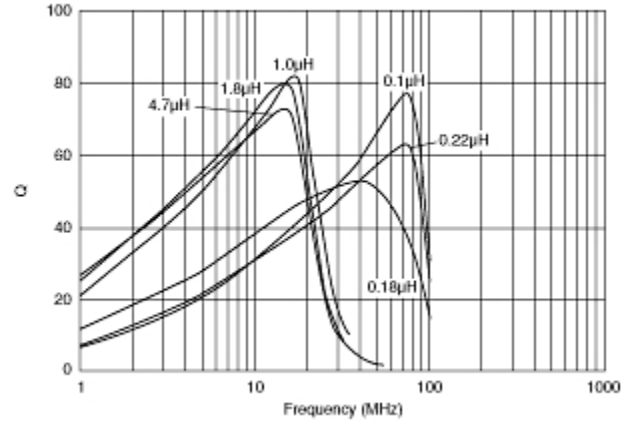
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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