

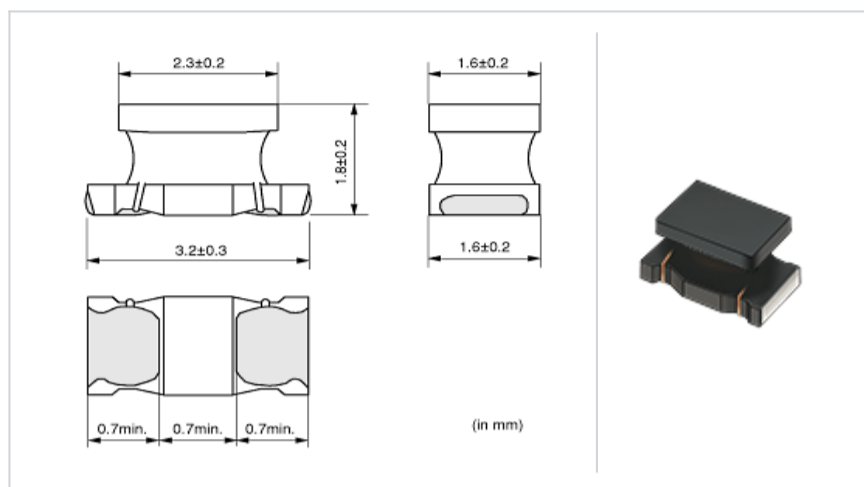
LQH31CN220K03#

" # " indicates a package specification code.



< List of part numbers with package codes >
LQH31CN220K03L , LQH31CN220K03K

Shape



| | |
|------------------------|-------------|
| L size | 3.2 ± 0.3mm |
| W size | 1.6 ± 0.2mm |
| T size | 1.8 ± 0.2mm |
| Size code in inch (mm) | 1206 (3216) |

Specifications

| | |
|---|--------------------|
| Inductance | 22μH ± 10% |
| Inductance test frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 160mA |
| Max. of DC resistance | 3.9 |
| Avg. of DC resistance | 3.0 ± 30% |
| Self resonance frequency (min.) | 14MHz |
| Operating temperature range (Self-temperature rise is not included) | -40 ~ 85 |
| Class of magnetic shield | No magnetic shield |

Notes

When applied Rated current to the Products, Inductance will be within ± 10% of initial Inductance value.
When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 35 °C max.

References

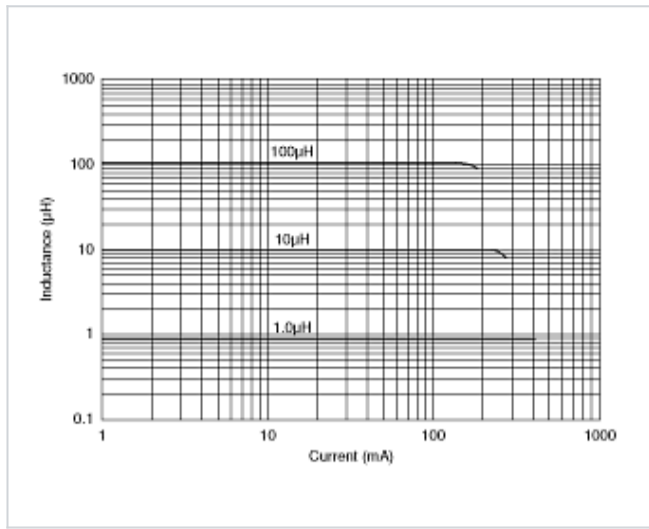
| Packaging code | Specifications | Minimum quantity |
|----------------|-----------------------|------------------|
| L | 180mm Embossed taping | 2000 |
| K | 330mm Embossed taping | 7500 |

| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.029g |

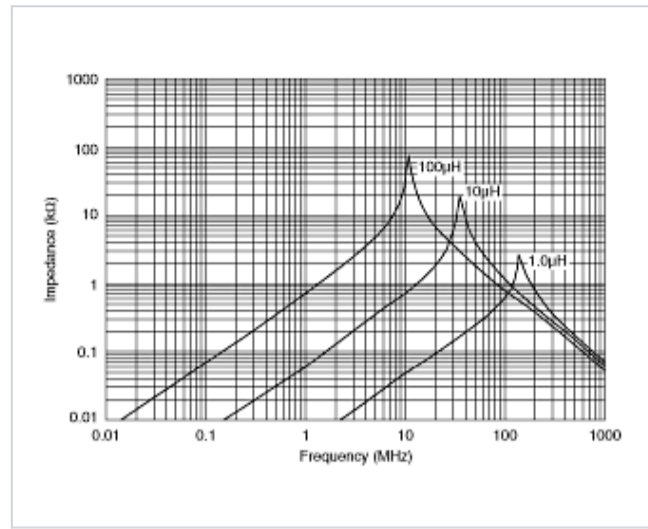
Attention

- 1.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.
- 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.

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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