

LQH31CN101K03#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH31CN101K03L , LQH31CN101K03K

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) |

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 | φ 180mm Embossed taping | 2000 |
| K | φ 330mm Embossed taping | 7500 |

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

Specifications

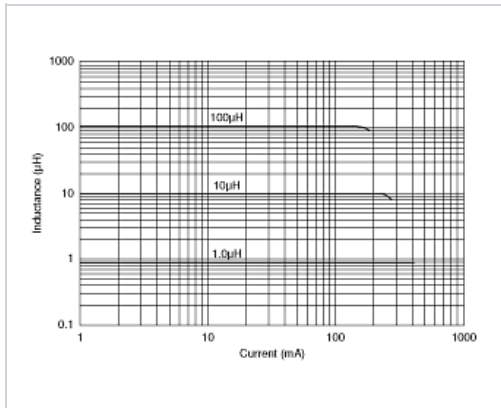
| | |
|---|--------------------|
| Inductance | 100μH ±10% |
| Inductance test frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 80mA |
| Max. of DC resistance | 15.6Ω |
| Avg. of DC resistance | 12.0Ω±30% |
| Self resonance frequency (min.) | 7MHz |
| Operating temperature range (Self-temperature rise is not included) | -40~85°C |
| Class of magnetic shield | No magnetic shield |

⚠ Attention

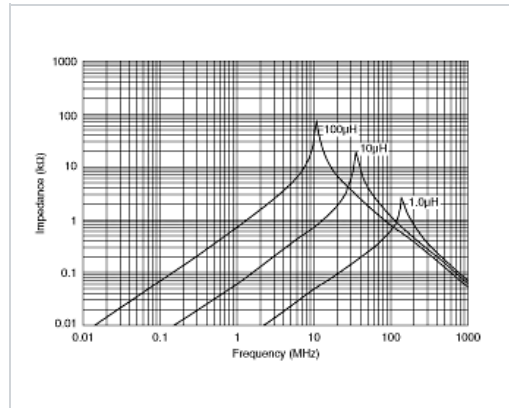
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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