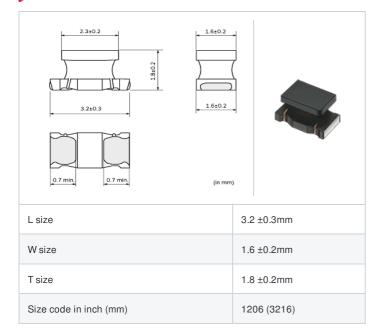
muRata Inductor Data Sheet

LQH31HZR50J03# "#" indicates a package specification code.



< List of part numbers with package codes > LQH31HZR50J03L , LQH31HZR50J03K

Shape



References

| Packaging code | Specifications | Minimum quantity |
|-------------------|------------------------------|------------------|
| L | ϕ 180mm Embossed taping | 2000 |
| К | φ330mm Embossed taping | 7500 |

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

Specifications

| Inductance | 500nH ±5% |
|---------------------------------------------------------------------|---------------|
| Inductance test frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 260mA |
| Max. of DC resistance | 0.572Ω |
| Avg. of DC resistance | 0.44Ω±30% |
| Q (min.) | 60 |
| Q test frequency | 100MHz |
| Self resonance frequency (min.) | 270MHz |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 85°C |
| Series | LQH31HZ_03 |

🔔 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

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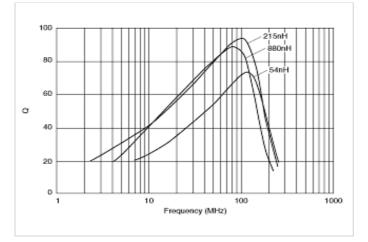
2. This datasheet has only typical specifications because there is no space for detailed specifications.

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