

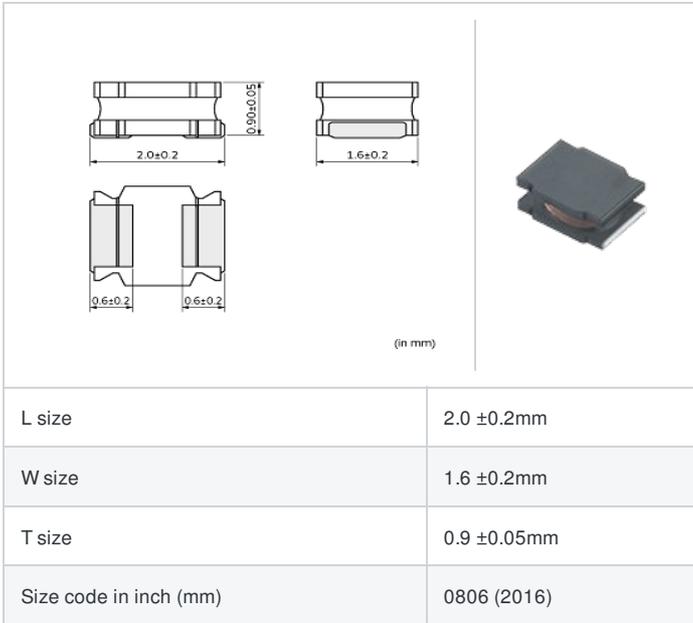
LQH2MCN8R2M02#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH2MCN8R2M02L , LQH2MCN8R2M02B

Shape



Notes

When rated current is applied to the products, inductance will be within ±10% of initial inductance value.
When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40 °C max.

References

| Packaging code | Specifications | Minimum quantity |
|----------------|-------------------------|------------------|
| L | φ 180mm Embossed taping | 3000 |
| B | Packing in bulk | 100 |

| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.010g |

Specifications

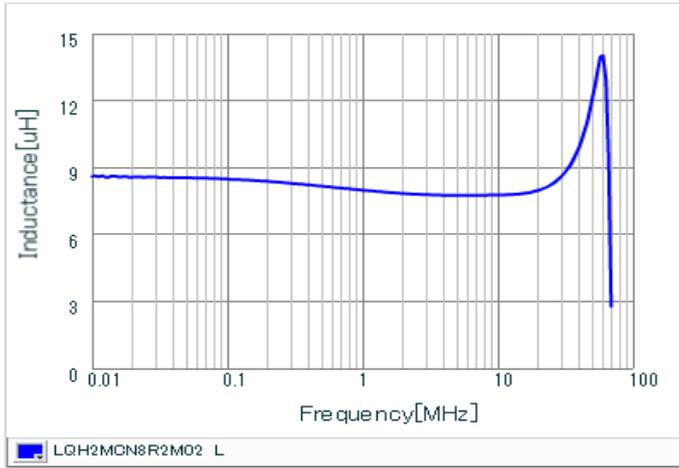
| | |
|---|---------------|
| Inductance | 8.2μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 235mA |
| Max. of DC resistance | 1.43Ω |
| Avg. of DC resistance | 1.1Ω ±30% |
| Self resonance frequency (min.) | 50MHz |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield | No Shield |
| Series | LQH2MCN_02 |

Attention

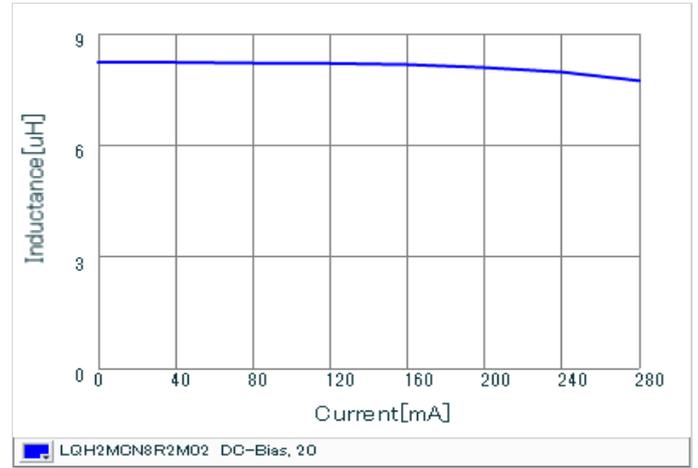
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

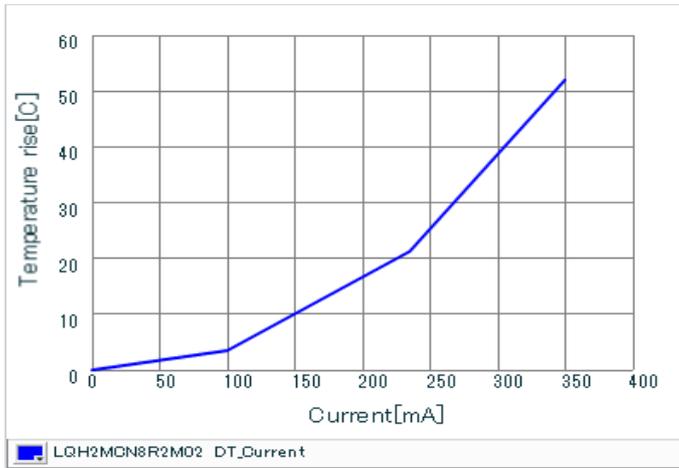
▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



⚠ Attention

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