

LQH32PB1R0NNC#

"#" indicates a package specification code.



< List of part numbers with package codes >
 LQH32PB1R0NNCL , LQH32PB1R0NNCK , LQH32PB1R0NNCB

Shape



Notes

When rated current is applied to the products, inductance will be within ±30% of nominal 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.
 Keep the temperature (ambient temperature plus self-generation of heat) under 125 °C.

References

| Packaging code | Specifications | Minimum quantity |
|----------------|-------------------------|------------------|
| L | φ 180mm Embossed taping | 2000 |
| K | φ 330mm Embossed taping | 7500 |
| B | Packing in bulk | 500 |

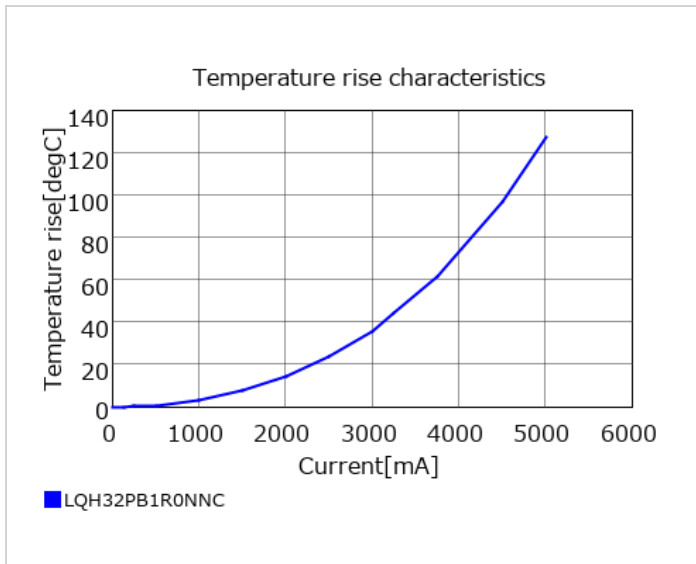
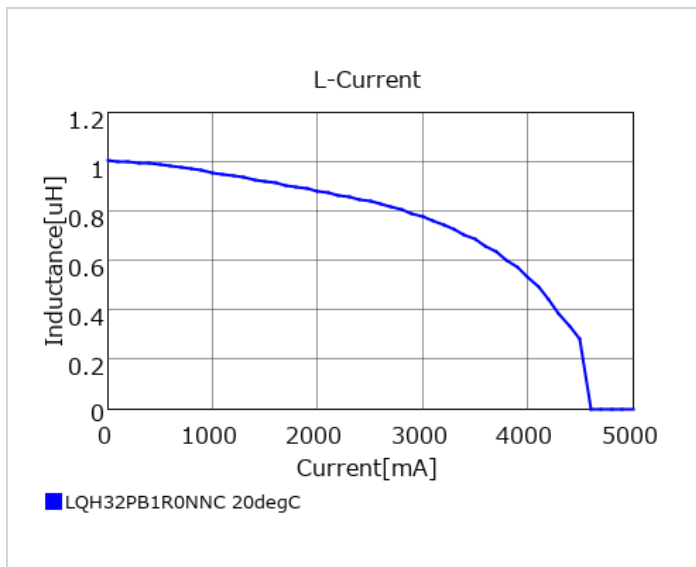
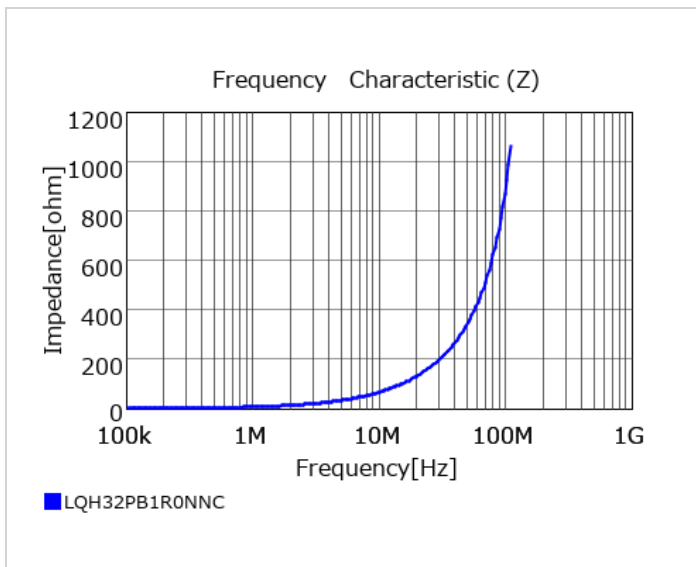
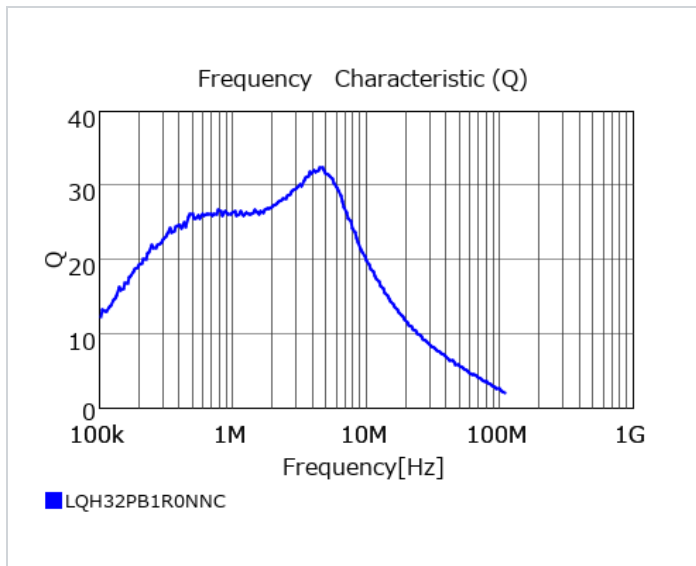
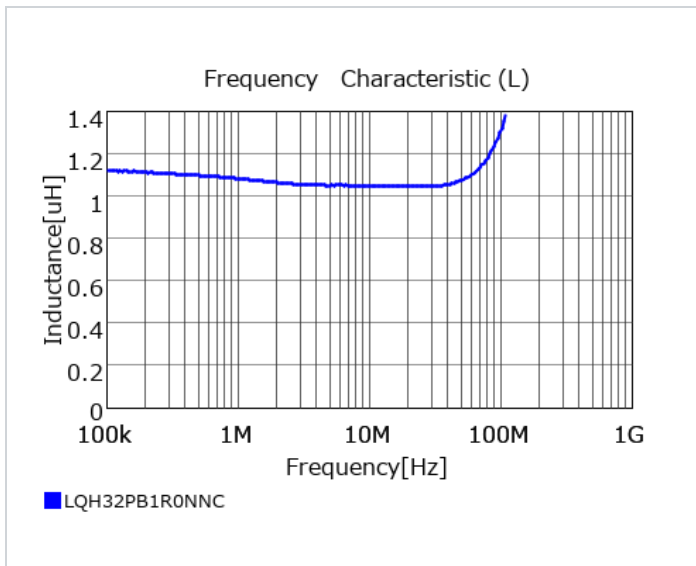
| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.044g |

Specifications

| | |
|---------------------------------------------------------------------|---------------------------------------------------------|
| Inductance | 1.0μH ±30% |
| Inductance test frequency | 1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 3000mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 2500mA(Ambient temp.85°C) 1380mA(Ambient temp.105°C) |
| Max. of DC resistance | 0.0432Ω |
| Avg. of DC resistance | 0.036Ω ±20% |
| Self resonance frequency (min.) | 100MHz |
| Operating temperature range (Self-temperature rise is included) | -40°C to 125°C |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 105°C |
| Class of magnetic shield | Magnetic Resin |
| Series | LQH32PB_NC |

Attention

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