

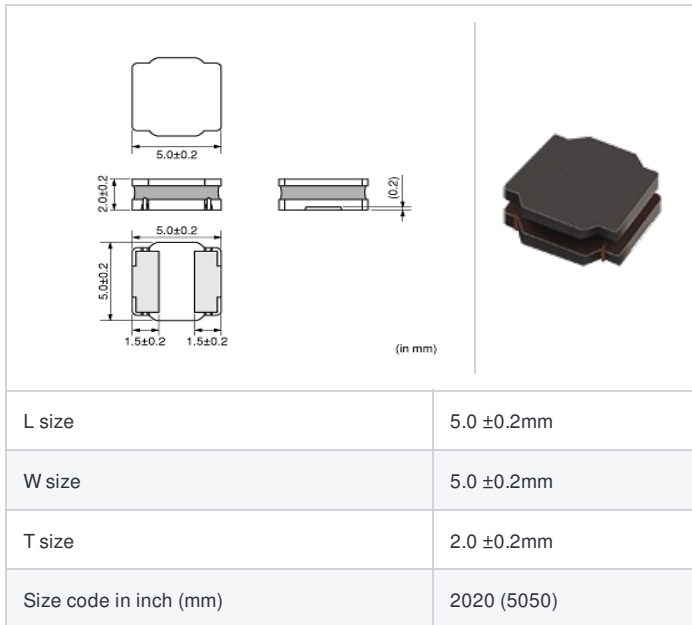
LQH5BPN4R7NT0#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH5BPN4R7NT0L , LQH5BPN4R7NT0K

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 | φ180mm Embossed taping | 500 |
| K | φ330mm Embossed taping | 3000 |

| Mass (Typ.) | |
|-------------|-------|
| 1 piece | 0.22g |

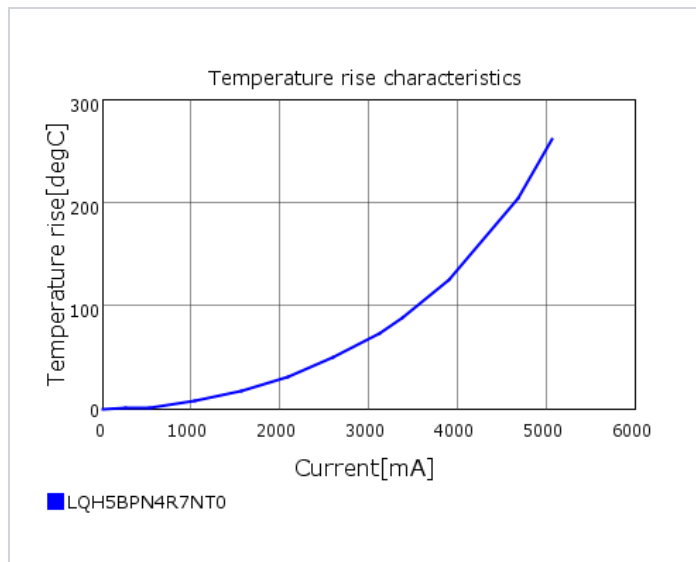
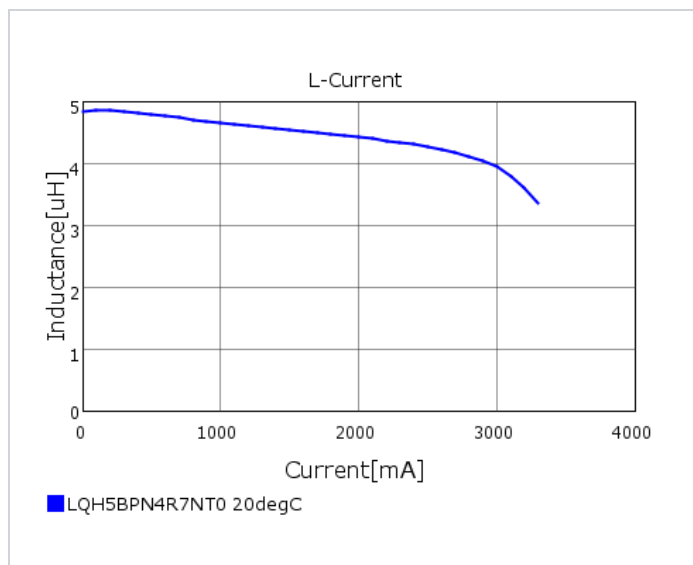
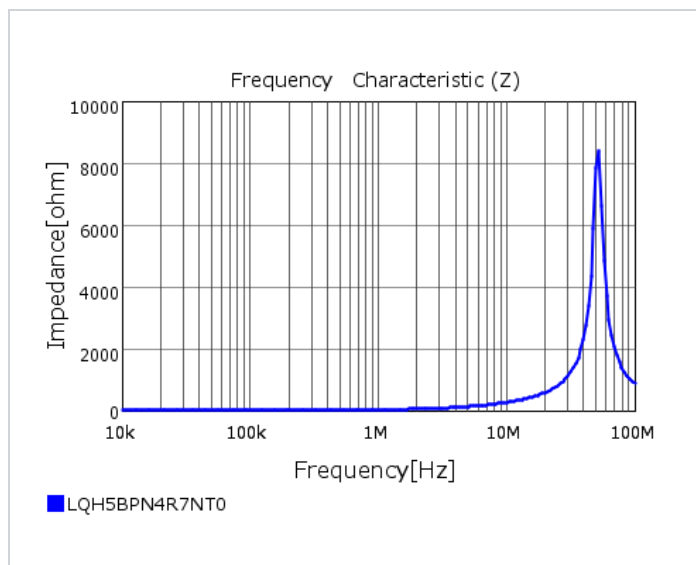
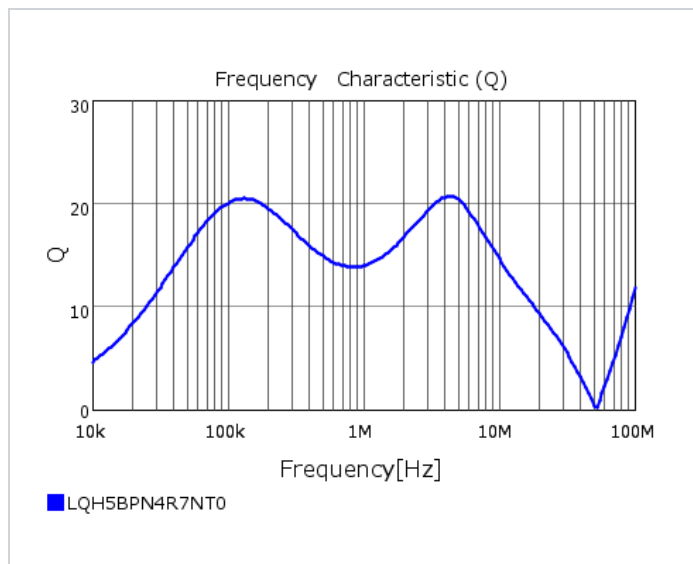
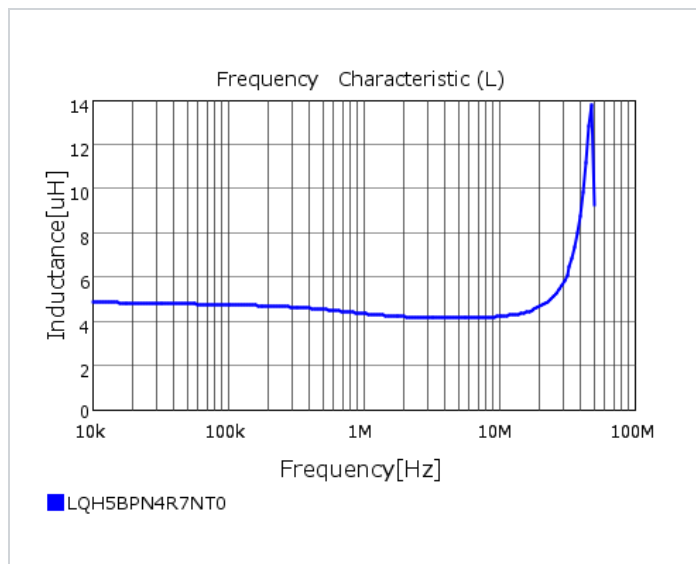
Specifications

| | |
|---------------------------------------------------------------------|----------------|
| Inductance | 4.7μH ±30% |
| Inductance test frequency | 100kHz |
| Rated current (Isat) (Based on Inductance change) | 3.0A |
| Rated current (Itemp) (Based on Temperature rise) | 2.0A |
| Max. of DC resistance | 0.0696Ω |
| Avg. of DC resistance | 0.058Ω±20% |
| Self resonance frequency (min.) | 40MHz |
| 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 85°C |
| Class of magnetic shield | Magnetic Resin |
| Series | LQH5BPN_T0 |

1 of 2

Attention

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