

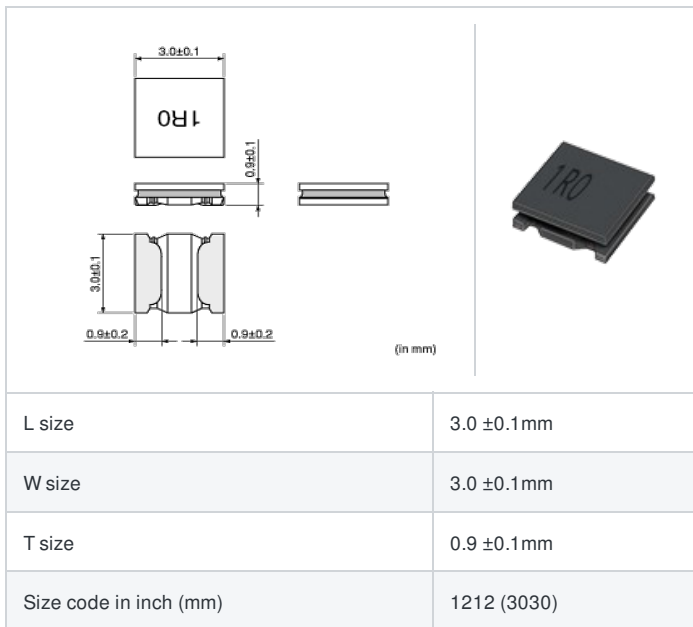
LQH3NPN151MGR#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH3NPN151MGRL , LQH3NPN151MGRK

Shape



Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range.
Keep the temperature (ambient temperature plus self-generation of heat) under 105°C.
When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 20°C.

References

| Packaging code | Specifications | Minimum quantity |
|----------------|------------------------|------------------|
| L | φ180mm Embossed taping | 3000 |
| K | φ330mm Embossed taping | 11000 |

| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.034g |

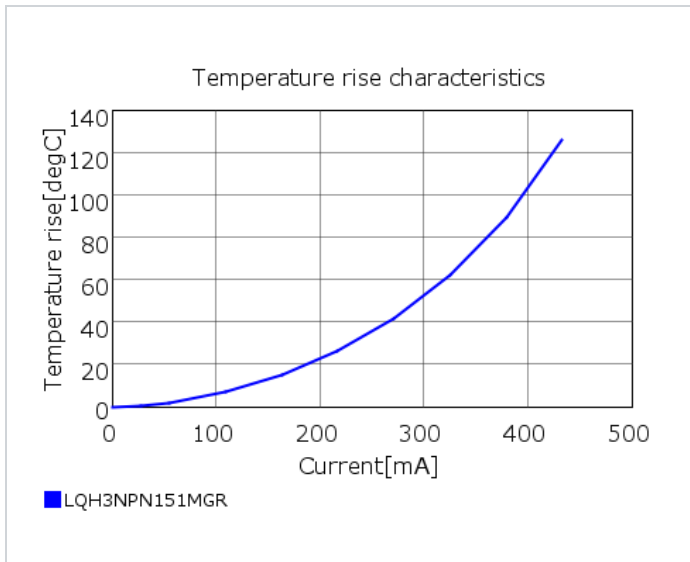
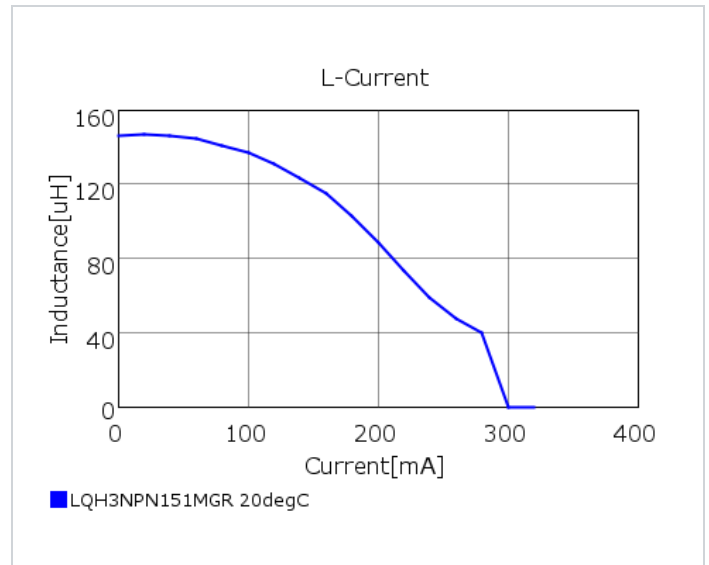
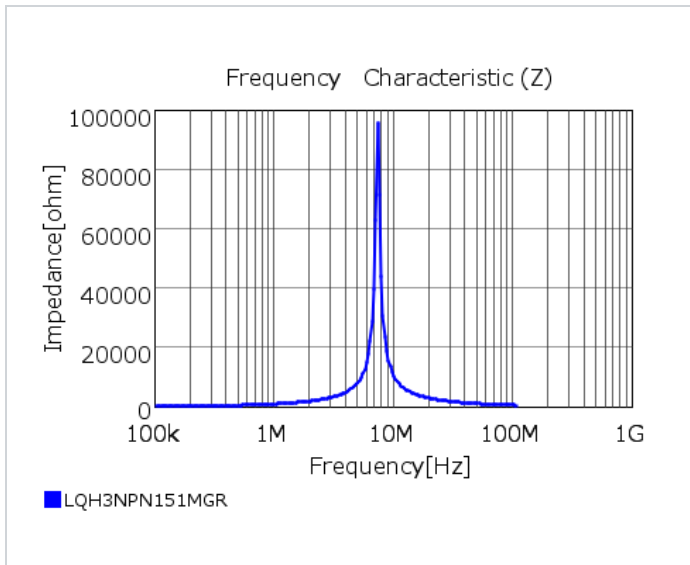
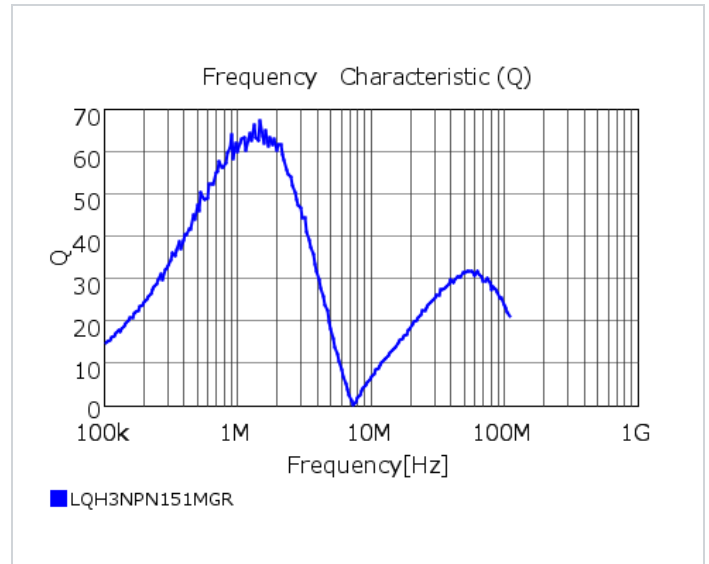
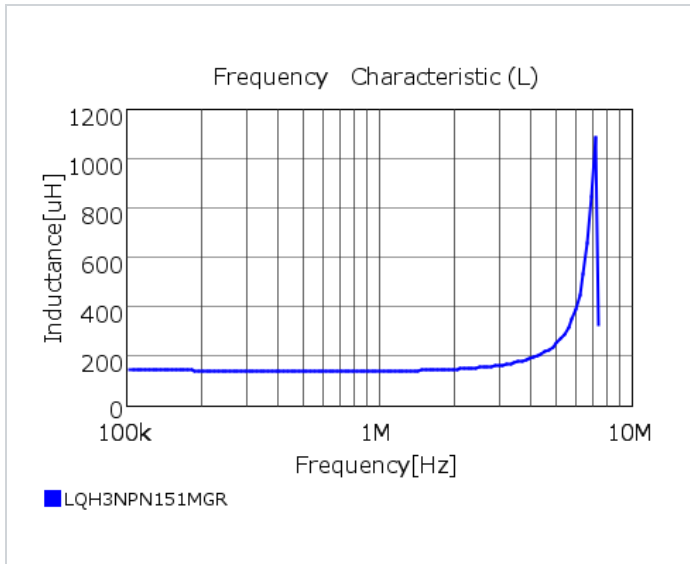
Specifications

| | |
|---|--------------------------|
| Inductance | 150μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 160mA |
| Rated current (Itemp) (Based on Temperature rise) | 180mA(Ambient temp.85°C) |
| Max. of DC resistance | 5.88Ω |
| Avg. of DC resistance | 4.9Ω ±20% |
| Self resonance frequency (min.) | 3MHz |
| Operating temperature range (Self-temperature rise is included) | -40°C to 105°C |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield | Magnetic Resin |
| Series | LQH3NPN_GR |

1 of 2

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