

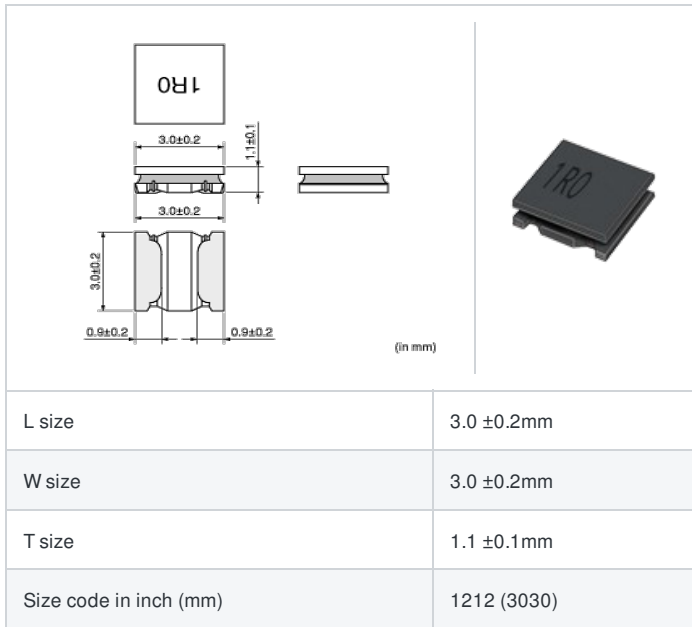
LQH3NPN6R8MJR#

indicates a package specification code.



< List of part numbers with package codes >
LQH3NPN6R8MJRL ; LQH3NPN6R8MJRK

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 30\%$ of initial inductance value range.
Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.
When rated current is applied to the products, the self-temperature rise shall be limited to 40°C max. (ambient temperature 85°C).
When rated current is applied to the products, the self-temperature rise shall be limited to 20°C max. (ambient temperature 85°C to 105°C).

References

| Packaging code | Specifications | Minimum quantity |
|----------------|------------------------|------------------|
| L | φ180mm Embossed taping | 2000 |
| K | φ330mm Embossed taping | 8000 |

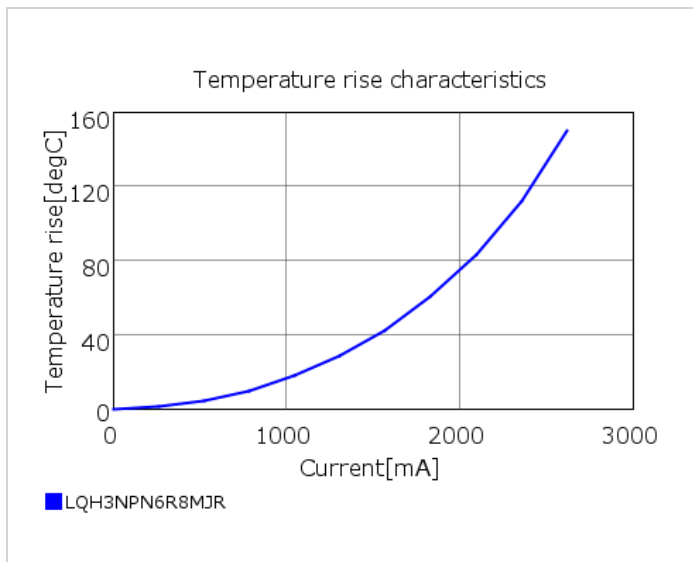
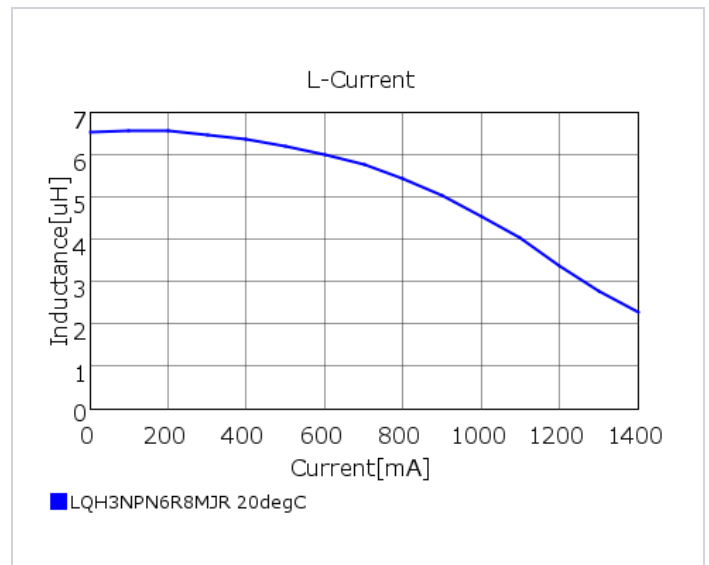
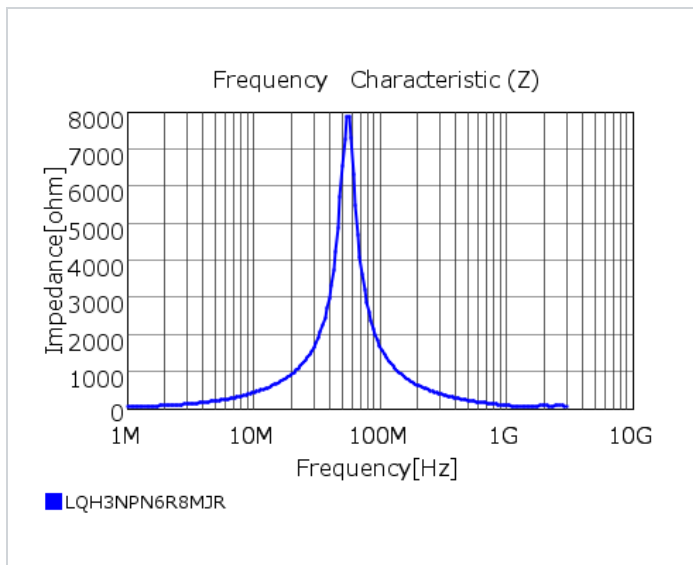
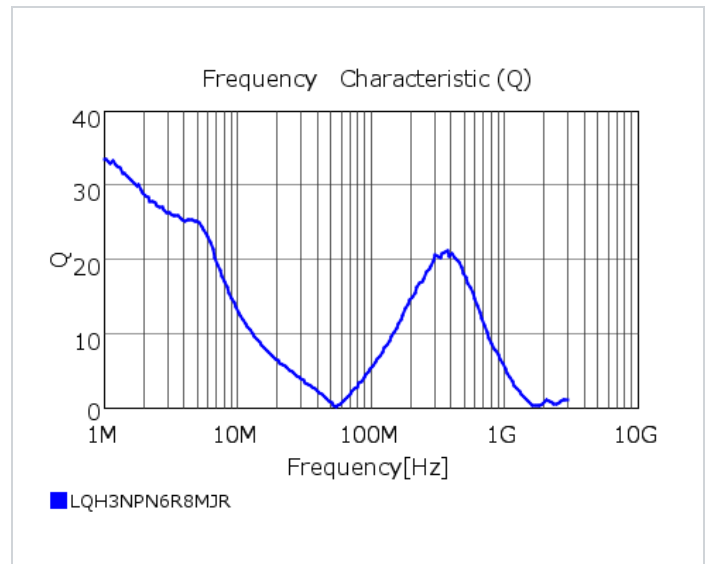
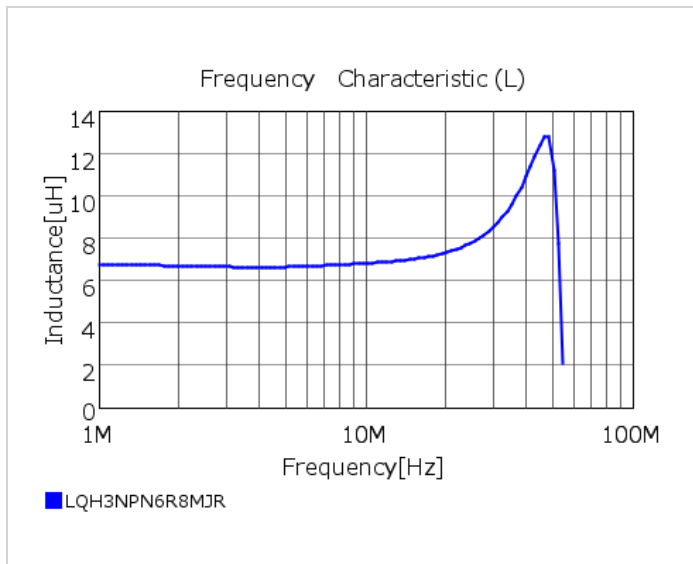
| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.045g |

Specifications

| | |
|---|--|
| Inductance | 6.8μH $\pm 20\%$ |
| Inductance test frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 970mA |
| Rated current (Itemp) (Based on Temperature rise) | 1360mA(Ambient temp.85°C) 610mA(Ambient temp.105°C) |
| Max. of DC resistance | 0.216Ω |
| Avg. of DC resistance | 0.18Ω $\pm 20\%$ |
| Self resonance frequency (min.) | 35MHz |
| 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 | LQH3NPN_JR |

Attention

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