

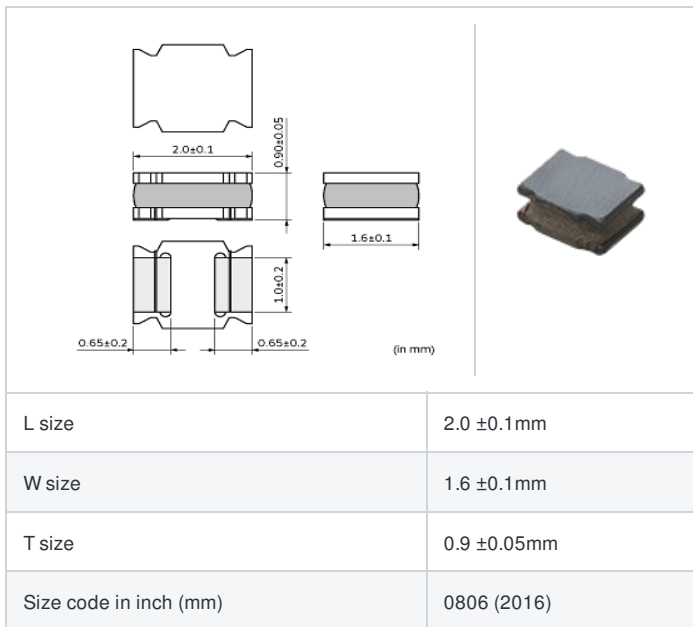
# LQH2MPZ1R0NGR#

# indicates a package specification code.



< List of part numbers with package codes >  
LQH2MPZ1R0NGRL

## 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              | φ 180mm Embossed taping | 3000             |

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

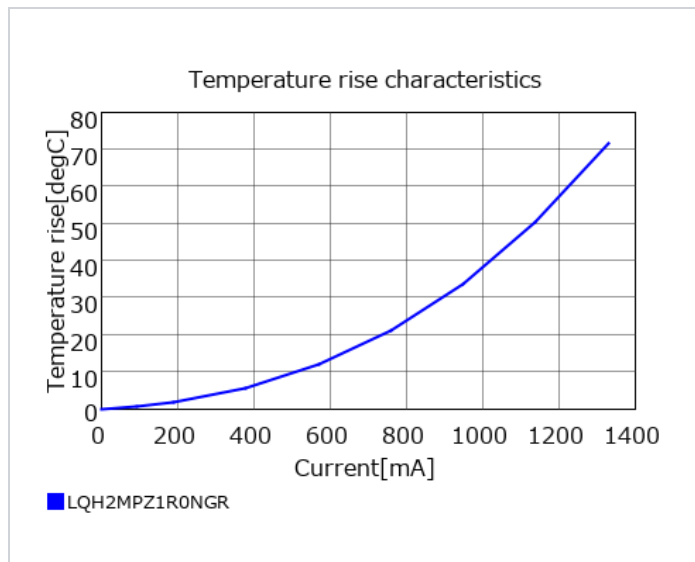
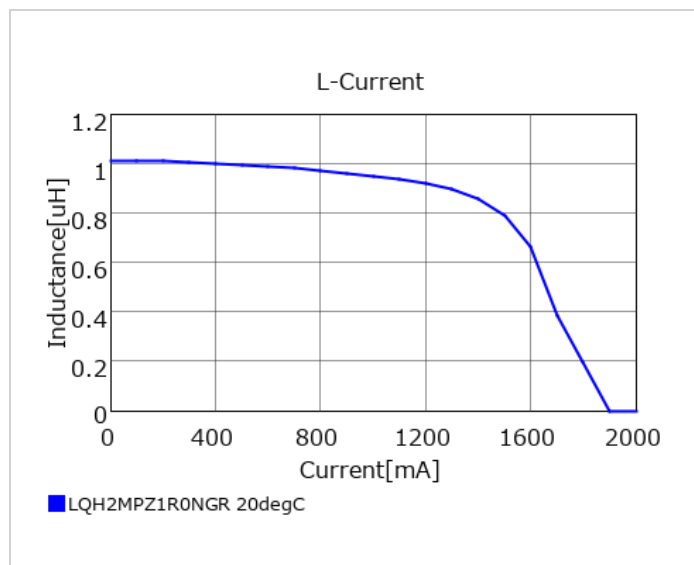
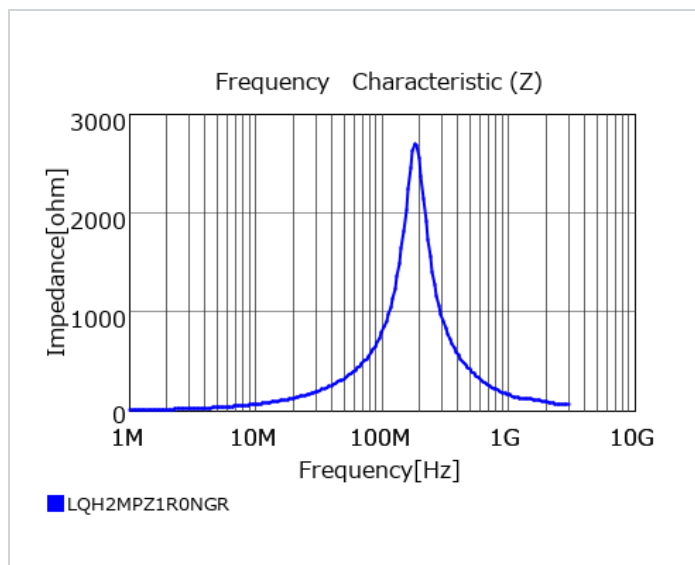
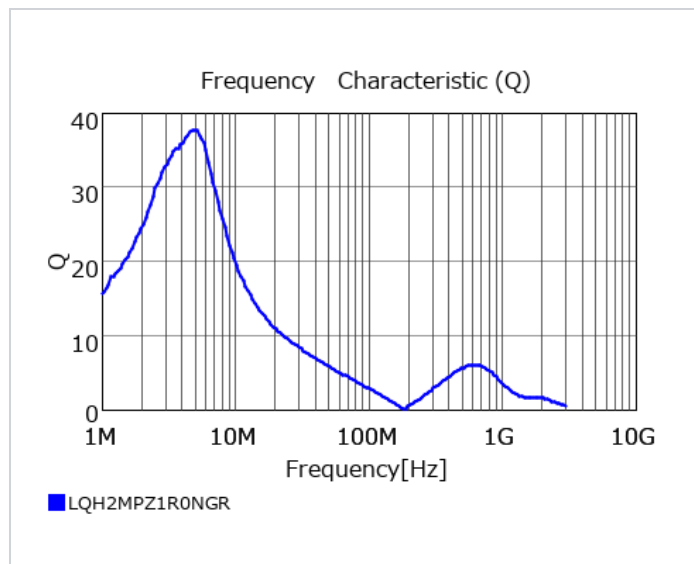
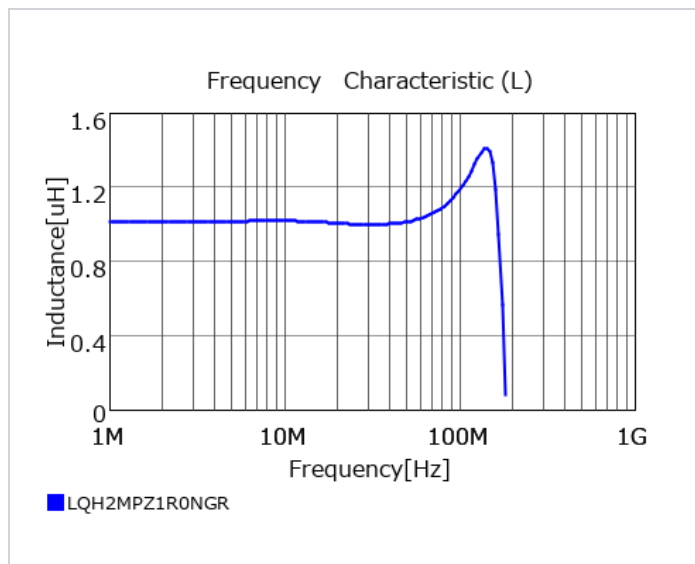
## Specifications

|   |   |
|---|---|
| Inductance  | 1.0μH $\pm 30\%$                                      |
| Inductance test frequency   | 1MHz  |
| Rated current (Isat) (Based on Inductance change)                   | 1550mA  |
| Rated current (Itemp) (Based on Temperature rise)                   | 900mA(Ambient temp.85°C)<br>540mA(Ambient temp.105°C) |
| Max. of DC resistance   | 0.3Ω  |
| Avg. of DC resistance   | 0.25Ω $\pm 20\%$                                      |
| 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  | Ferrite Core  |
| Series  | LQH2MPZ_GR  |

1 of 2

### Attention

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