

LQH32PZ2R2NN0#

“#” indicates a package specification code.

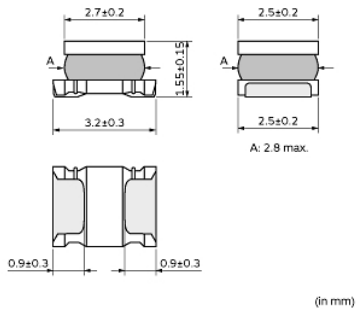
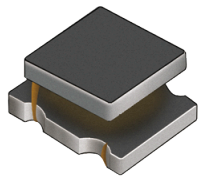
1.7mm max. Thickness, 105°C Operation Available



< List of part numbers with package codes >

LQH32PZ2R2NN0K LQH32PZ2R2NN0L

Appearance & Shape



Notices

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

References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|-------------------|---------------------------|
| K | 330 Embossed Tape | 7500 |
| L | 180 Embossed Tape | 2000 |

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

Attention
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 2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

| | |
|--|--|
| L size | 3.2±0.3mm |
| W size | 2.5±0.2mm |
| T size | 1.55±0.15mm |
| Size code inch (mm) | 1210 (3225) |
| Inductance | 2.2μH±30% |
| Inductance Test Frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 1550mA |
| Rated current (Itemp) (Based on Temperature rise) | 1600mA(Ambient temp.85°C) 970mA(Ambient temp.105°C) |
| Max. of DC resistance | 0.0912Ω |
| Operating Temperature Range (Self-temperature rise is included) | -40°C to 125°C |
| Class of magnetic shield | Magnetic Resin |
| Self resonance frequency (min.) | 70MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 105°C |
| Brand | Murata |
| DC Resistance Intermediate Values | 0.076Ω±20% |
| Series | LQH32PZ_N0 |

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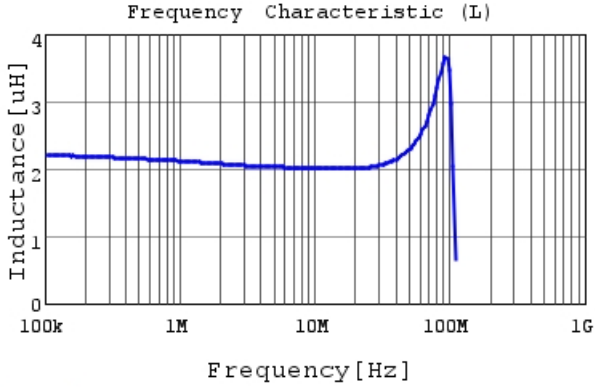
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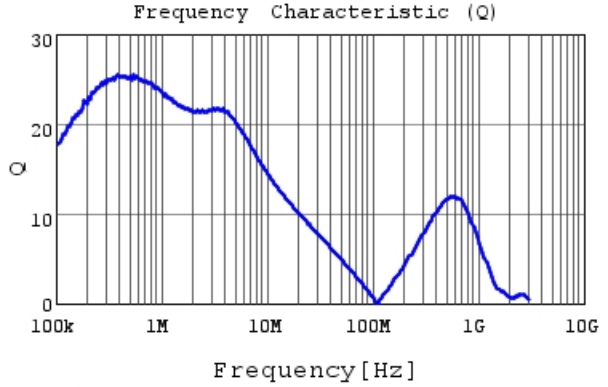


Characteristic Data

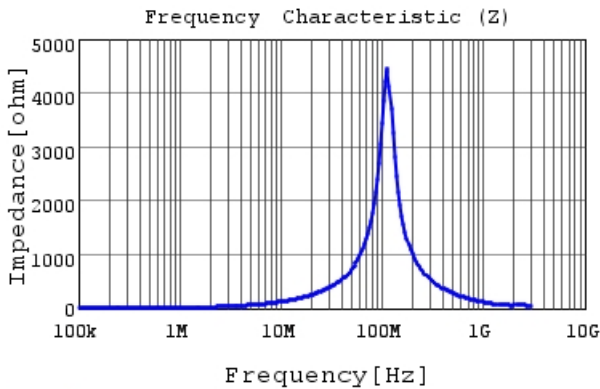
The charts below may show another part number which shares its characteristics.



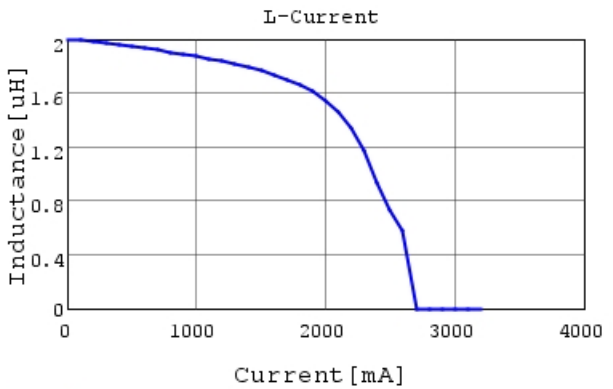
LQH32PZ2R2NN0 L



LQH32PZ2R2NN0 Q



LQH32PZ2R2NN0 |Z|



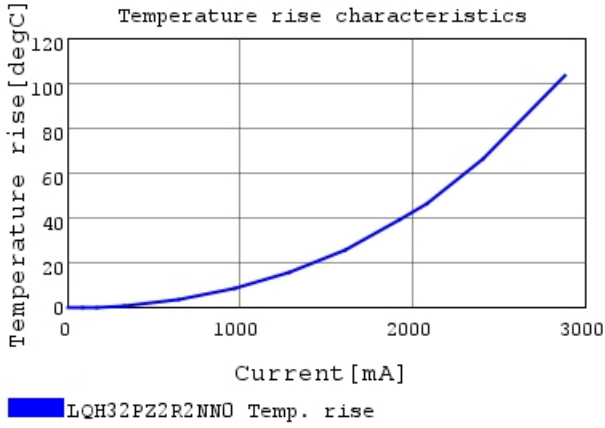
LQH32PZ2R2NN0 L-Current 20degC

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