

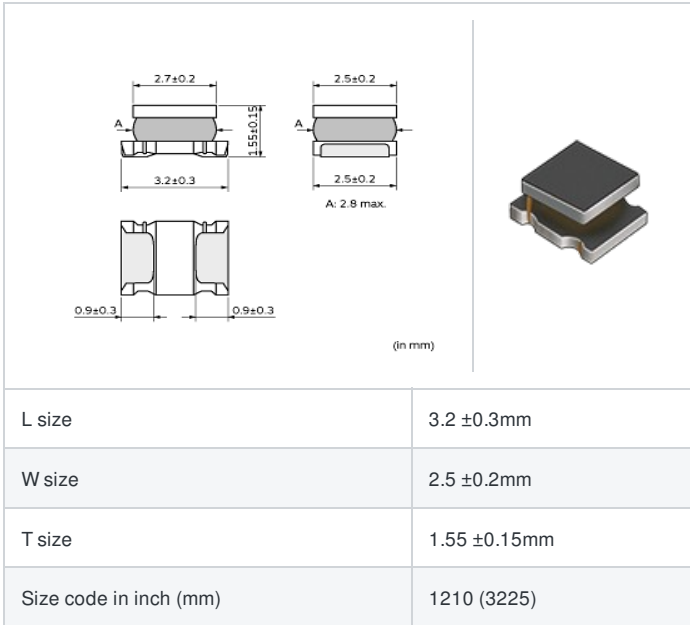
LQH32PB121MN0#

"#" indicates a package specification code.



< List of part numbers with package codes >
 LQH32PB121MN0L , LQH32PB121MN0K , LQH32PB121MN0B

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 | 2000 |
| K | φ330mm Embossed taping | 7500 |
| B | Packing in bulk | 500 |

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

Specifications

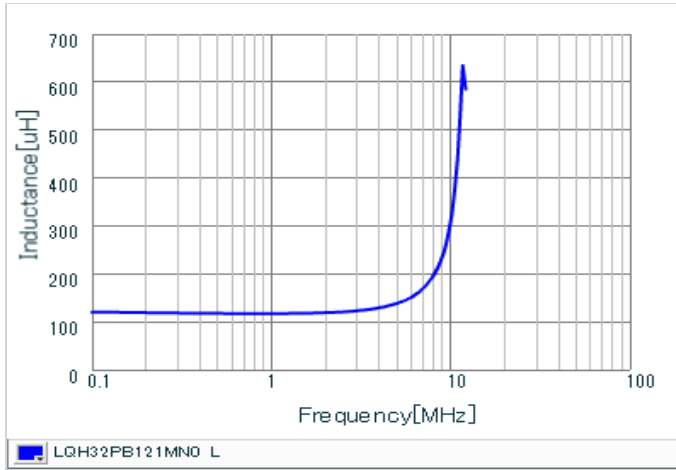
| | |
|---|--|
| Inductance | 120μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 170mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 200mA(Ambient temp.85°C) 80mA(Ambient temp.105°C) |
| Max. of DC resistance | 5.26Ω |
| Avg. of DC resistance | 4.38Ω ±20% |
| Self resonance frequency (min.) | 8MHz |
| 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 | LQH32PB_N0 |

Attention

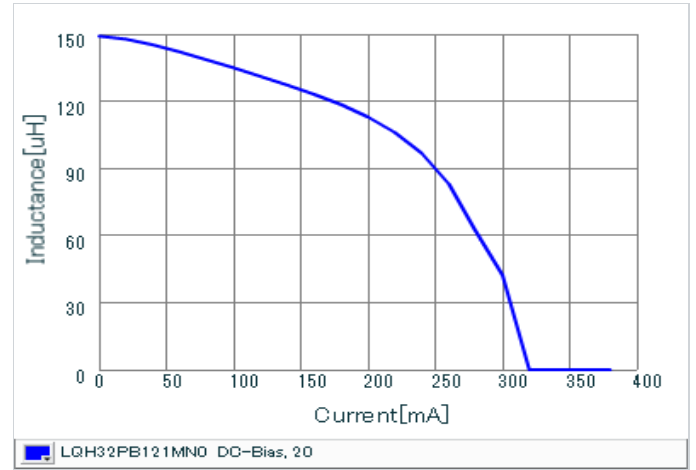
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



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