

# LQH32CN100K53#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH32CN100K53L , LQH32CN100K53K

## Shape

|                        |              |
|------------------------|--------------|
| L size                 | 3.2 ±0.3mm   |
| W size                 | 2.5 ±0.2mm   |
| T size                 | 1.55 ±0.15mm |
| Size code in inch (mm) | 1210 (3225)  |

## Notes

When applied Rated current to the Products, self temperature rise shall be limited to 20°C max and Inductance will be within ±10% of initial Inductance value.

## References

| Packaging code | Specifications          | Minimum quantity |
|----------------|-------------------------|------------------|
| L              | φ 180mm Embossed taping | 2000             |
| K              | φ 330mm Embossed taping | 7500             |

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

## Specifications

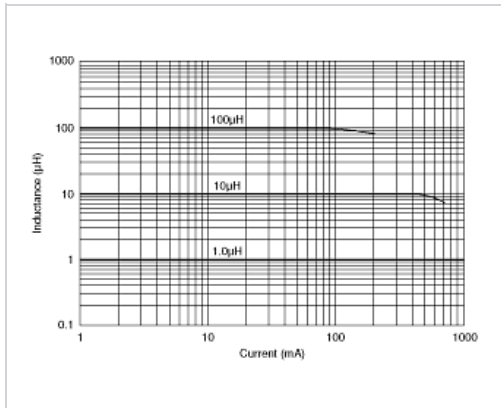
|   |                    |
|---|--------------------|
| Inductance  | 10μH ±10%          |
| Inductance test frequency   | 1MHz               |
| Rated current (Itemp) (Based on Temperature rise)                   | 450mA              |
| Max. of DC resistance   | 0.39Ω              |
| Avg. of DC resistance   | 0.30Ω±30%          |
| Self resonance frequency (min.)                                     | 26MHz              |
| Operating temperature range (Self-temperature rise is not included) | -40~85°C           |
| Class of magnetic shield  | No magnetic shield |

### ⚠ Attention

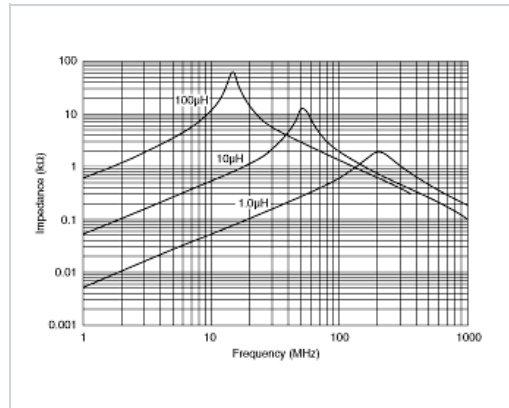
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Impedance-Frequency characteristics (Typ.)



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