



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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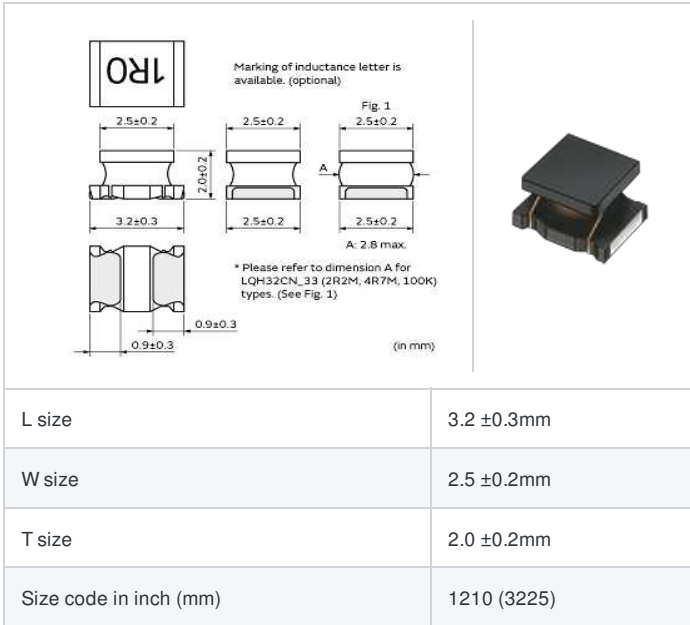
# LQH32CN100K33#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 LQH32CN100K33L , LQH32CN100K33K

## Shape



## 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              | φ180mm Embossed taping | 2000             |
| K              | φ330mm Embossed taping | 7500             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.060g |

## Specifications

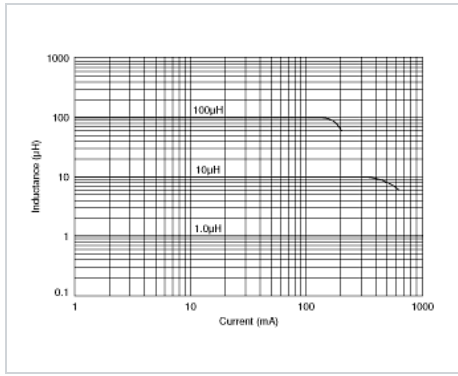
|   |            |
|---|------------|
| Inductance  | 10μH ±10%  |
| Inductance test frequency   | 1MHz       |
| Rated current (Itemp) (Based on Temperature rise)                   | 450mA      |
| Max. of DC resistance   | 0.39Ω      |
| Avg. of DC resistance   | 0.3Ω±30%   |
| Self resonance frequency (min.)                                     | 26MHz      |
| Operating temperature range (Self-temperature rise is not included) | -40~85°C   |
| Class of magnetic shield  | No Shield  |
| Series  | LQH32CN_33 |

### Attention

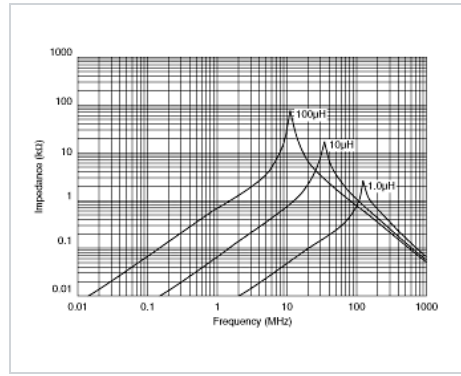
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

■ Inductance-Current characteristics (Typ.)



■ Impedance-Frequency characteristics (Typ.)



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