

# LQH32DZ391K23#

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Please download the latest datasheet of LQH32DZ391K23# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=LQH32DZ391K23%23

"#"at the end indicates the package specification code.

It can be used in 105 °C environment.















< List of part numbers with package codes > LQH32DZ391K23K LQH32DZ391K23L



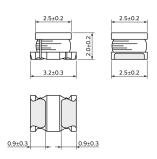
### **Applications**

| Unsuitable               | Please be sure to read and comply with  |
|--------------------------|---|
| Applications             | these "Precautions for use."  |
| Specific<br>Applications | Consumer equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended              | Automotive infotainment/comfort   |
| Applications             | equipment   |



## Appearance & Shape





(in mn



## **Notices**

When rated current is applied to the products, self-temperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

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### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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### References

| De else sie s | 0                | Standard            |
|---------------|------------------|---------------------|
| Packaging     | Specifications   | Packing<br>Quantity |
| К             | 330Embossed Tape | 7500                |
| L             | 180Embossed Tape | 2000                |

| Mass (typ.) |         |       |
|-------------|---------|-------|
| 1           | I piece | 0.06g |

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## **Specifications**

| L size  | 3.2±0.3mm      |
|---|----------------|
| W size  | 2.5±0.2mm      |
| T size  | 2.0±0.2mm      |
| Size code inch (mm)                               | 1210 (3225)    |
| Inductance  | 390μH±10%      |
| Inductance Test Frequency                         | 1MHz           |
| Rated current (Itemp) (Based on Temperature rise) | 60mA           |
| Max. of DC resistance                             | 16.12Ω         |
| DC resistance                                     | 12.4Ω±30%      |
| Class of magnetic shield                          | Non-Shielded   |
| Self resonance frequency (min.)                   | 5MHz           |
| Brand   | Murata         |
| Operating Temperature<br>Range                    | -40°C to 105°C |
| Series  | LQH32DZ_23     |

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