

# LQH32MN101J23#

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Please download the latest datasheet of LQH32MN101J23# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQH32MN101J23%2

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

Size Code 3225 (1210) in mm (in inch)















# < List of part numbers with package codes > LQH32MN101J23K LQH32MN101J23L



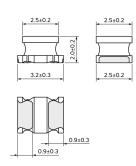
### **Applications**

| Unsuitable   | Please be sure to read and comply with     |  |
|--------------|--|--|
| Applications | these "Precautions for use."               |  |
|              | Consumer equipment,Medical                 |  |
|              | equipment [GHTF A/B/C] except for          |  |
|              | implant & surgery & auto injector,         |  |
|              | Industrial equipment except for            |  |
|              | transportation & facility & energy         |  |
|              | equipment                                  |  |
| Specific     | Please refer to Our Website and            |  |
| Applications | 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  | Consumer equipment                         |  |
| Applications |  |  |



### Appearance & Shape





(in mm)



### References

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

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

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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   | 2.0±0.2mm     |
| Size code inch (mm)  | 1210 (3225)   |
| Inductance   | 100μH±5%      |
| Inductance Test Frequency  | 1MHz          |
| Rated current (Itemp) (Based on Temperature rise)                  | 80mA          |
| Max. of DC resistance  | 7Ω            |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield   | Non-Shielded  |
| Q(min.)  | 40            |
| Q Test Frequency   | 796kHz        |
| Self resonance frequency (min.)                                    | 8MHz          |
| Brand  | Murata        |
| Series   | LQH32MN_23    |

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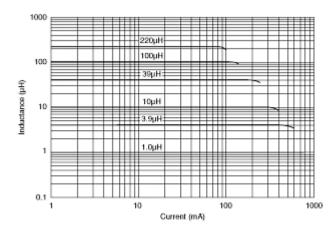
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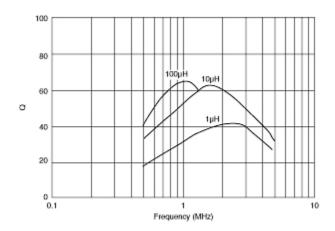
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#### Characteristic Data





Impedance - Current Characteristics

Q-Frequency Characteristics

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