muRata Inductor Data Sheet

LQH32CN1R0M23#

"#" indicates a package specification code.

| In Production | General | 85℃ | Wound (Ferrite) | Reflow OK | Flow OK | RoHS | REACH |

< List of part numbers with package codes >
LQH32CN1R0M23L , LQH32CN1R0M23K

Shape

L size	3.2 ±0.3mm
W size	2.5 ±0.2mm
T size	2.0 ±0.2mm
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	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	7500

| Mass (Typ.)	
1 piece	0.060g

Specifications

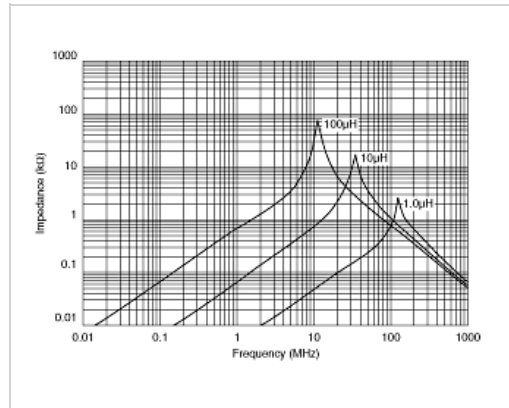| Inductance	1.0μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	800mA
Max. of DC resistance	0.117Ω
Avg. of DC resistance	0.09Ω±30%
Self resonance frequency (min.)	96MHz
Operating temperature range (Self-temperature rise is not included)	-40〜85℃
Class of magnetic shield	No magnetic shield

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

■ Inductance-Current characteristics (Typ.)
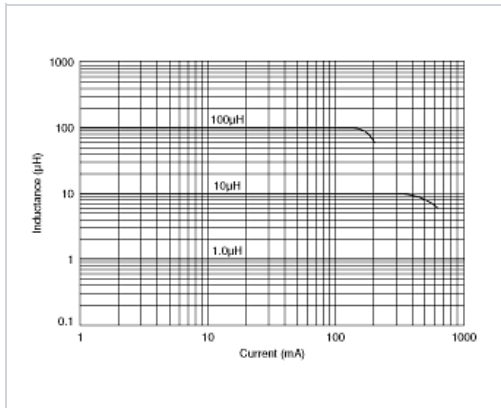
■ Impedance-Frequency characteristics (Typ.)

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