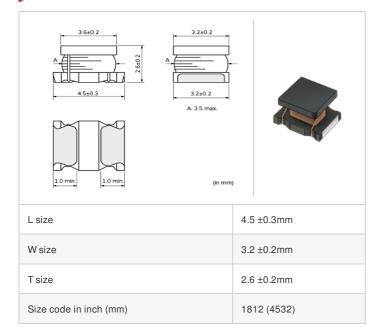
muRata Inductor Data Sheet





< List of part numbers with package codes > LQH43NN222J03L , LQH43NN222J03K

## Shape



# Notes

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.



Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	500
К	φ330mm Embossed taping	2500

Mass (Typ.)	
1 piece	0.13g

## **Specifications**

Inductance	2200μH ±5%
Inductance test frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	30mA
Max. of DC resistance	50.0Ω
Q (min.)	40
Q test frequency	252kHz
Self resonance frequency (min.)	1.3MHz
Operating temperature range	-40°C to 105°C
Class of magnetic shield	No Shield
Series	LQH43NN_03

### 🔔 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

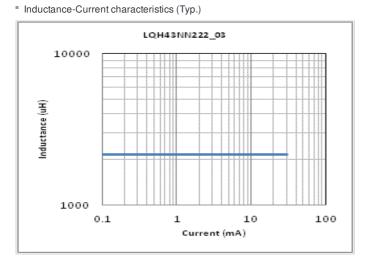
without advance notice. Please check with our sales representatives or product engineers before ordering.

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.



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



Q-Frequency characteristics (Typ.) LQH43NN222\_03 100 90 80 70 60 50 ď 40 30 20 10 1111 0 0.001 0.01 0.1 10 1 Frequency (MHz)

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