

LQH31HZR14J03#

“#” at the end indicates the package specification code.

Size Code 3216 (1206) in mm (in inch), Ferrite Core High Frequency Wound Type

Discontinued

AEC-Q200

RoHS

REACH

85°C max.

Wound (Ferrite)

Reflow OK

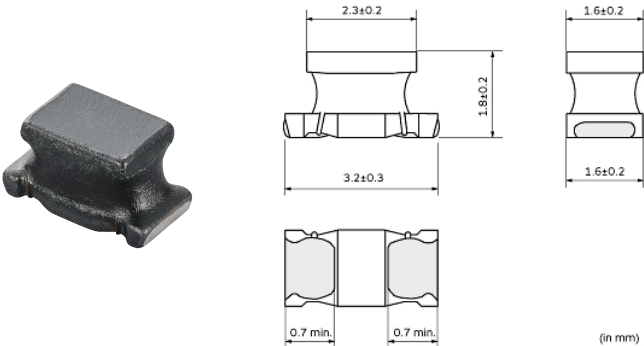
Flow OK

< List of part numbers with package codes >
LQH31HZR14J03K LQH31HZR14J03L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific 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 Applications	Automotive infotainment/comfort equipment

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
K	330 Embossed Tape	7500
L	180 Embossed Tape	2000

Mass (typ.)	
1 piece	0.029g

Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.
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Specifications

L size	3.2±0.3mm
W size	1.6±0.2mm
T size	1.8±0.2mm
Size code inch (mm)	1206 (3216)
Inductance	145nH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.0793Ω
DC resistance	0.061Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	100MHz
Self resonance frequency (min.)	500MHz
Brand	Murata
Series	LQH31HZ_03

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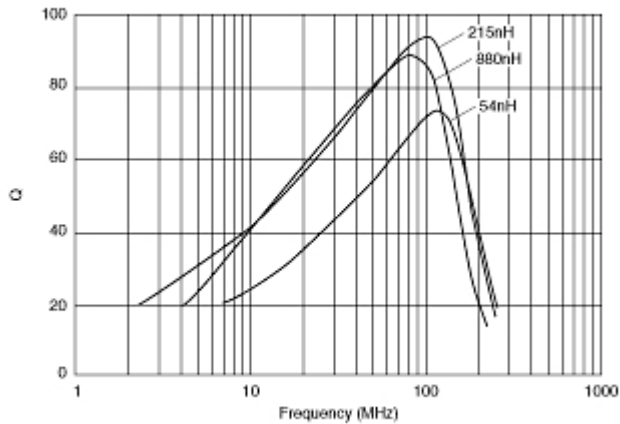
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Characteristic Data



Q-Frequency Characteristics

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