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http://www.murata.com/en/products/productdetail?partno=LQH32CH100K33%23

LQH32CH100K33#

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

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

In Production | AEC-Q200 | RoHS | REACH | 85 °C max. | Wound (Ferrite) | Reflow OK | Flow OK

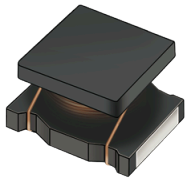
< List of part numbers with package codes >

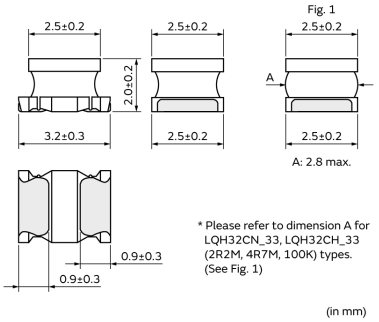
LQH32CH100K33B LQH32CH100K33K LQH32CH100K33L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Automotive infotainment/comfort equipment, Automotive powertrain/safety equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial 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 powertrain/safety equipment

Appearance & Shape





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.

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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LQH32CH100K33#

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References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.06g

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LQH32CH100K33#

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

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	10μH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	450mA
Max. of DC resistance	0.39Ω
DC resistance	0.30Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	26MHz
Brand	Murata
Series	LQH32CH_33

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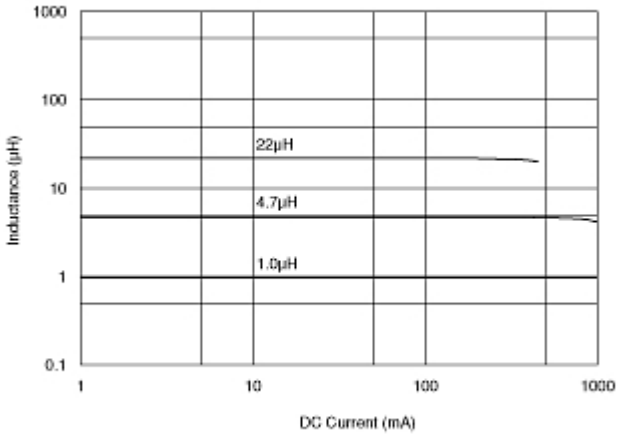
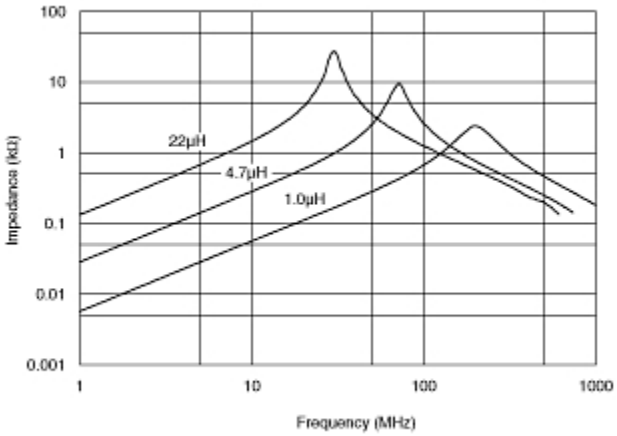
Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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