LQH32PZ2R2NN0#

"#" indicates a package specification code.

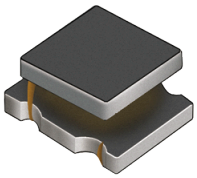
1.7mm max. Thickness, 105℃ Operation Available

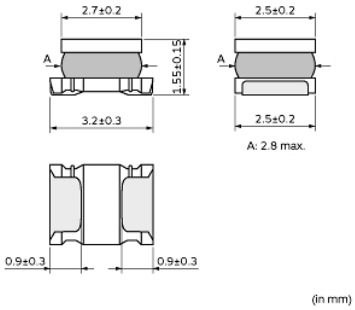
In Production | Info-tainment | AEC-Q200 | RoHS | REACH | 125℃max. | Wound (Ferrite) | Reflow OK

< List of part numbers with package codes >

LQH32PZ2R2NN0K LQH32PZ2R2NN0L

Appearance & Shape





Notices

When rated current is applied to the products, inductance will be within ±30% of nominal inductance value. When rated current is applied to the products, temperature rise caused by self-generated heat shall be limited to 40°C max (ambient temperature 85°C max). When rated current is applied to the products, temperature rise caused by self-generated heat shall be limited to 20°C max(ambient temperature 85°C to 105°C). Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

References

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

Mass (typ.)	
1 piece	0.044g

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Specifications

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	1.55±0.15mm
Size code inch (mm)	1210 (3225)
Inductance	2.2μH±30%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1550mA
Rated current (Itemp) (Based on Temperature rise)	1600mA(Ambient temp.85℃) 970mA(Ambient temp.105℃)
Max. of DC resistance	0.0912Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	70MHz
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 105℃
Brand	Murata
DC Resistance Intermediate Values	0.076Ω±20%
Series	LQH32PZ_N0

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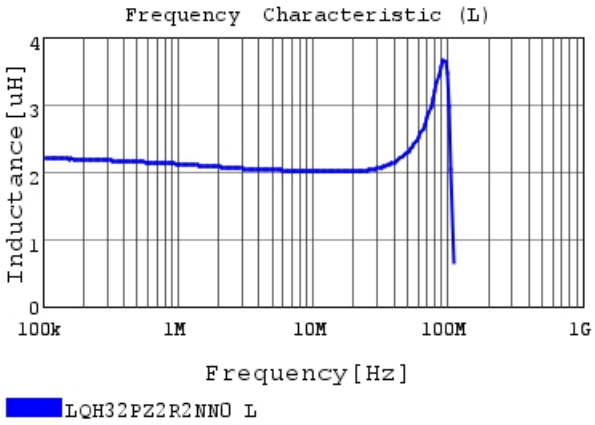
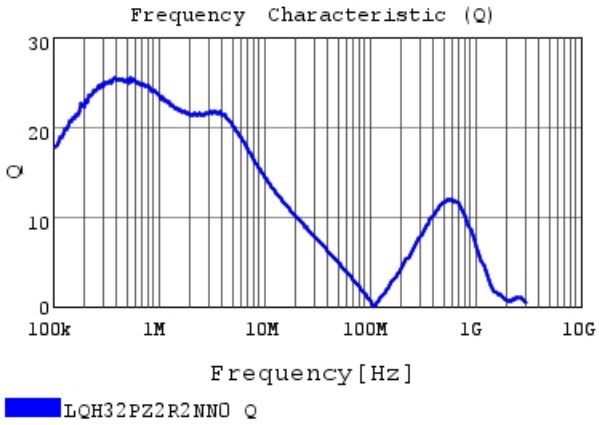
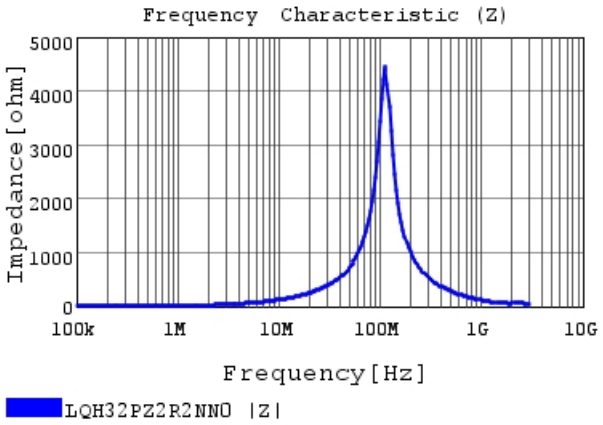
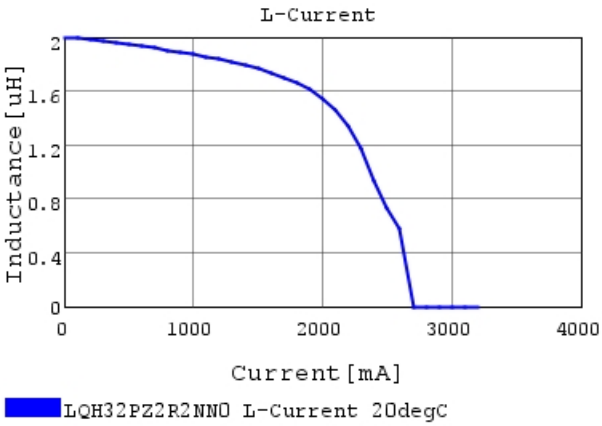
Characteristic Data

The charts below may show another part number which shares its characteristics.









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