LQG15HH18NH02#

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

for Automotive

In Production | AEC-Q200 | RoHS | REACH | 125 °C max. | Multi-layer | Reflow OK

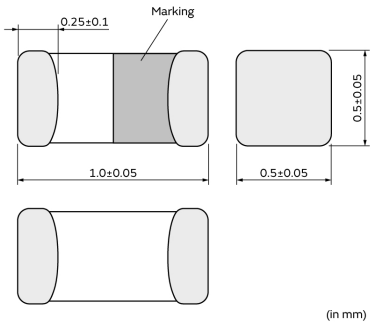
< List of part numbers with package codes >

LQG15HH18NH02B LQG15HH18NH02D LQG15HH18NH02J

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



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References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	0.001g

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Specifications

L size	1.0±0.05mm
W size	0.5±0.05mm
T size	0.5±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	18nH±3%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	400mA
Max. of DC resistance	0.36Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	8
Q Test Frequency	100MHz
Self resonance frequency (min.)	2200MHz
Brand	Murata
Series	LQG15HH_02

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Characteristic Data

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