

LQH2MCN100K02#

“ # ” indicates a package specification code.

Available

General

85℃

Wound
(No Shield)

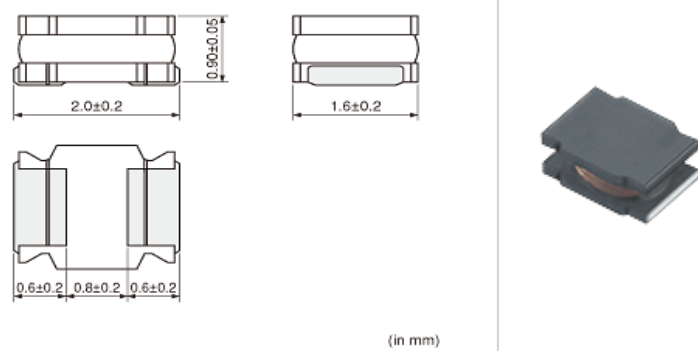
Thickness
0.95mm
max.

Reflow
OK

RoHS

< List of part numbers with package codes >
LQH2MCN100K02L , LQH2MCN100K02B

Shape



(in mm)

L size	2.0 ± 0.2mm
W size	1.6 ± 0.2mm
T size	0.9 ± 0.05mm
Size code in inch (mm)	0806 (2016)

Notes

When applied Rated current to the Products, Inductance will be within ± 10% of initial Inductance value.
When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 40℃ max.

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000
B	Packing in bulk	100

Mass (Typ.)	
1 piece	0.010g

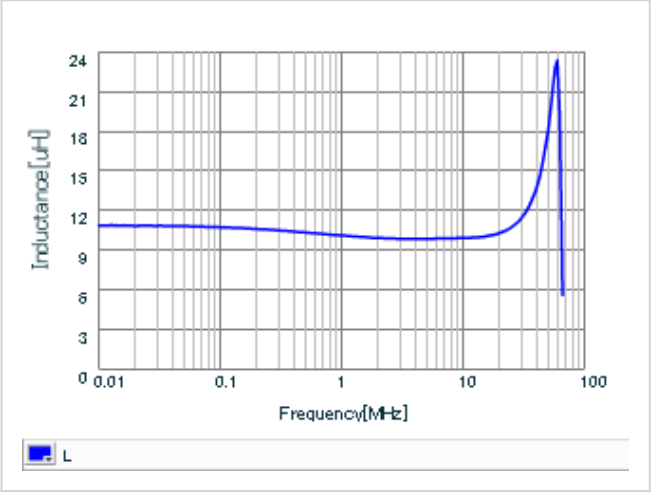
Specifications

Inductance	10μH ± 10%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	225mA
Max. of DC resistance	1.56
Avg. of DC resistance	1.2 ± 30%
Self resonance frequency (min.)	48MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	No magnetic shield

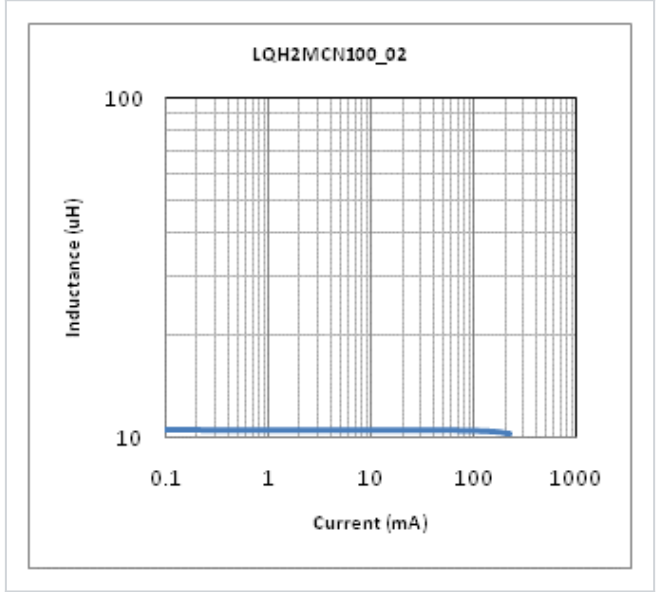
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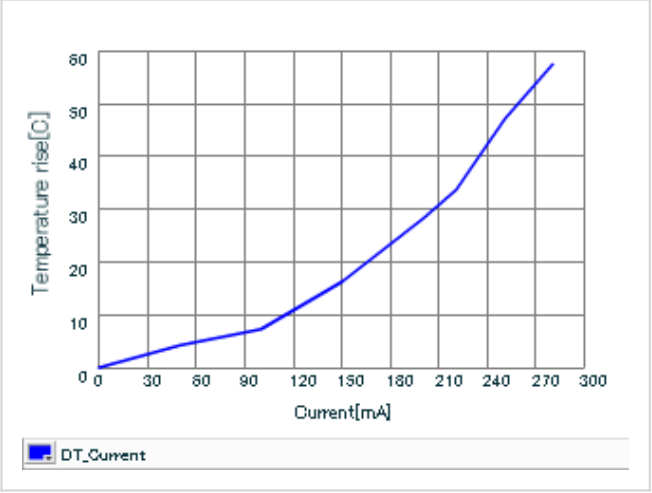
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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