

muRata Inductor Data Sheet

LQH2MCN220K02#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH2MCN220K02L , LQH2MCN220K02B

Shape

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°C max.

References

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

Mass (Typ.)	
1 piece	0.010g

Specifications

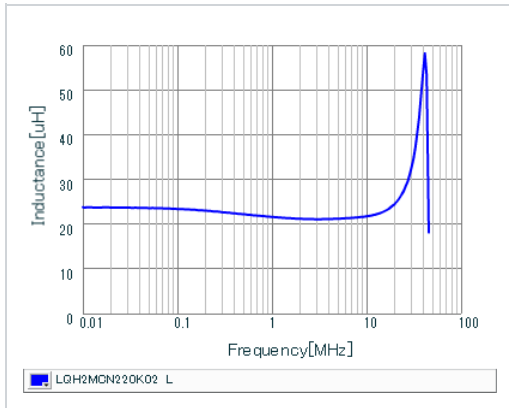
Inductance	22μH ±10%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	185mA
Max. of DC resistance	2.73Ω
Avg. of DC resistance	2.1Ω±30%
Self resonance frequency (min.)	30MHz
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	No Shield

⚠ Attention

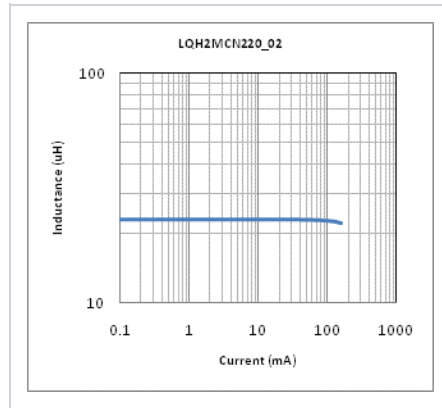
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

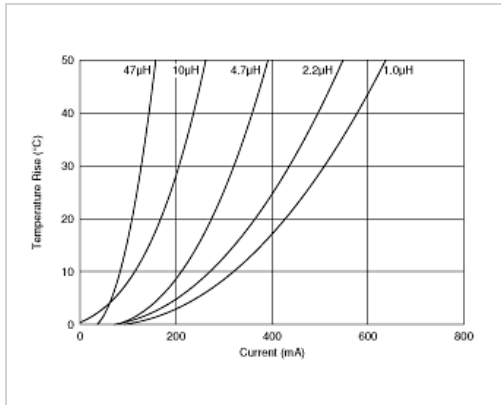
▫ Inductance-Frequency characteristics (Typ.)



▫ Inductance-Current characteristics (Typ.)



▫ Temperature rise characteristics (Typ.)



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