

LQH44PN220MJ0#

“ # ” indicates a package specification code.

Recommended

General

Wound
(Shield)
000

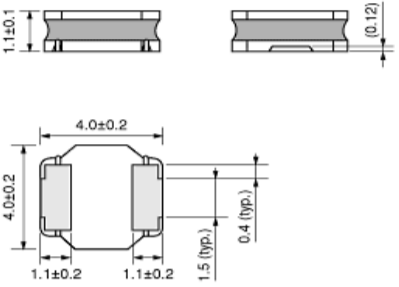
Thickness
1.2mm
max.

Reflow
OK

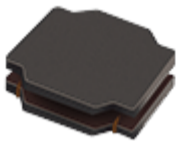
RoHS

< List of part numbers with package codes >
LQH44PN220MJ0L , LQH44PN220MJ0K

Shape



(in mm)



L size	4.0 ± 0.2mm
W size	4.0 ± 0.2mm
T size	1.1 ± 0.1mm
Size code in inch (mm)	1515 (4040)

Notes

Notice (Rated Current)
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, self-generation of heat will rise to 40℃ or less.

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	1000
K	330mm Embossed taping	3500

Mass (Typ.)	
1 piece	0.070g

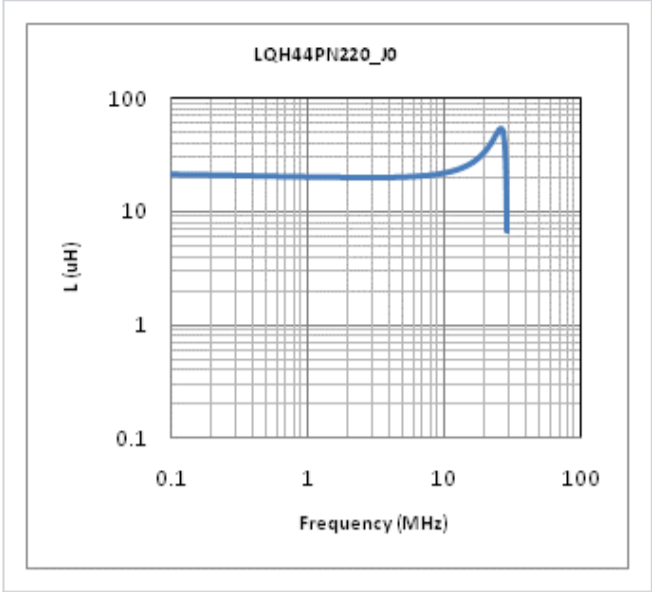
Specifications

Inductance	22μH ± 20%
Inductance test frequency	100kHz
Rated current (Isat) (Based on Inductance change)	400mA
Rated current (Itemp) (Based on Temperature rise)	550mA
Max. of DC resistance	0.576
Avg. of DC resistance	0.480 ± 20%
Self resonance frequency (min.)	18MHz
Operating temperature range (Self-temperature rise is included)	-40 ~ 125
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of magnetic powder in resin

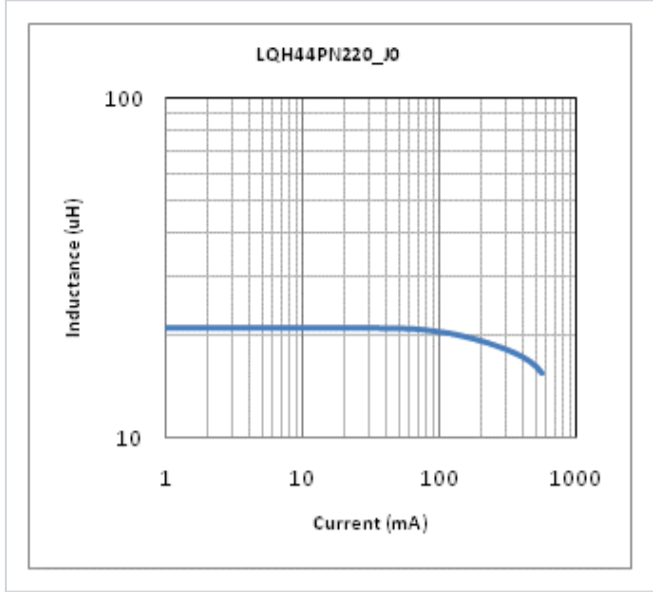
⚠ Attention

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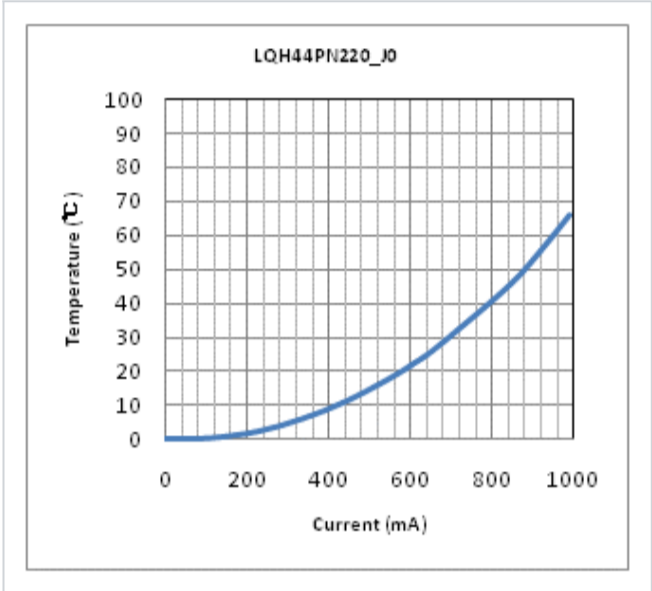
▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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