

LQH3NPN220MM0#

" # " indicates a package specification code.

In Production

General

85℃

Wound (Shield)  
000

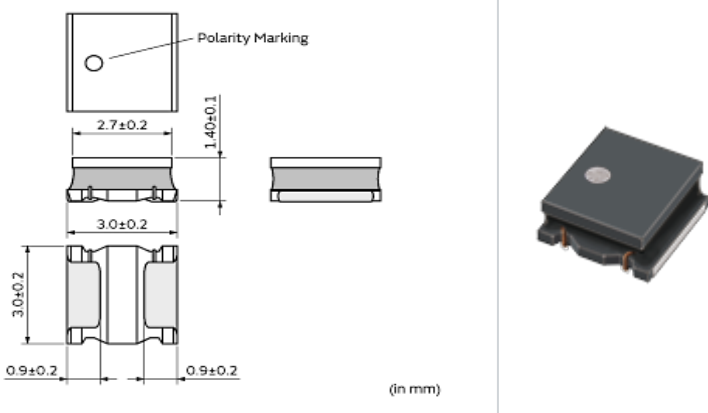
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RoHS

REACH

< List of part numbers with package codes >  
LQH3NPN220MM0L , LQH3NPN220MM0K

Shape



(in mm)

L size	3.0 ± 0.2mm
W size	3.0 ± 0.2mm
T size	1.4 ± 0.1mm
Size code in inch (mm)	1212 (3030)

Notes

When applied Rated current to the Products, Inductance will be within ± 30% of nominal Inductance value.

When applied Rated current to the Products, temperature rise caused by self-generated heat shall be limited to 40℃ max.

Keep the temperature (ambient temperature plus self-generation of heat) under 125℃.

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	1000
K	330mm Embossed taping	4000

Mass (Typ.)	
1 piece	0.051g

Specifications

Inductance	22μH ± 20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	410mA
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.612
Avg. of DC resistance	0.51 ± 20%
Self resonance frequency (min.)	28MHz
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

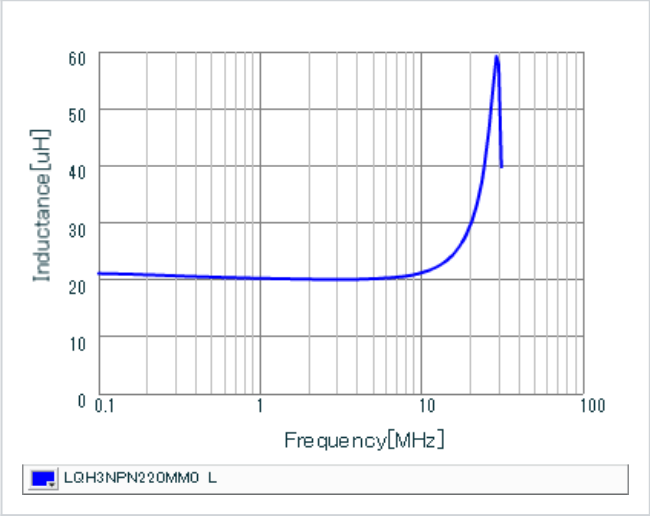
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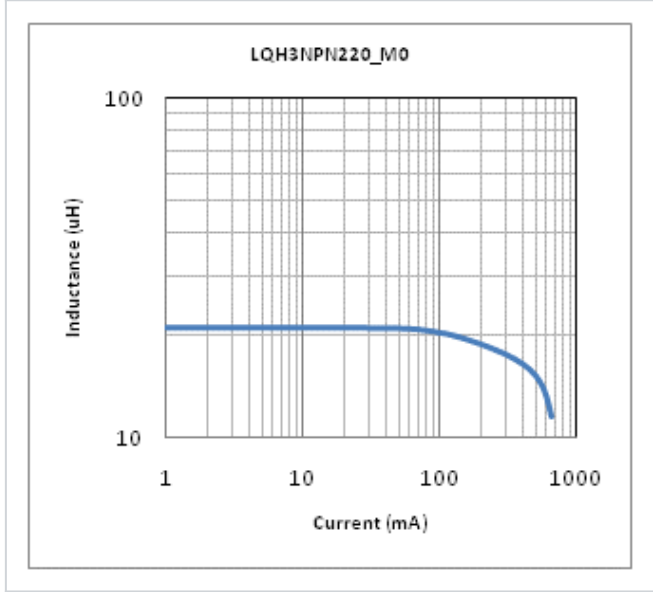
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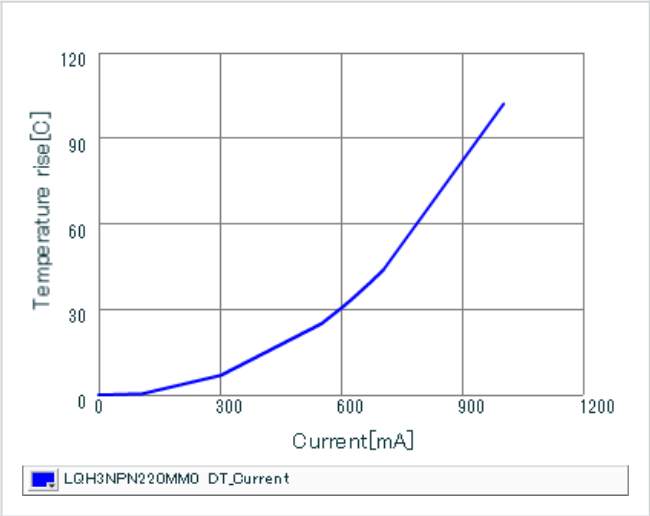
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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