

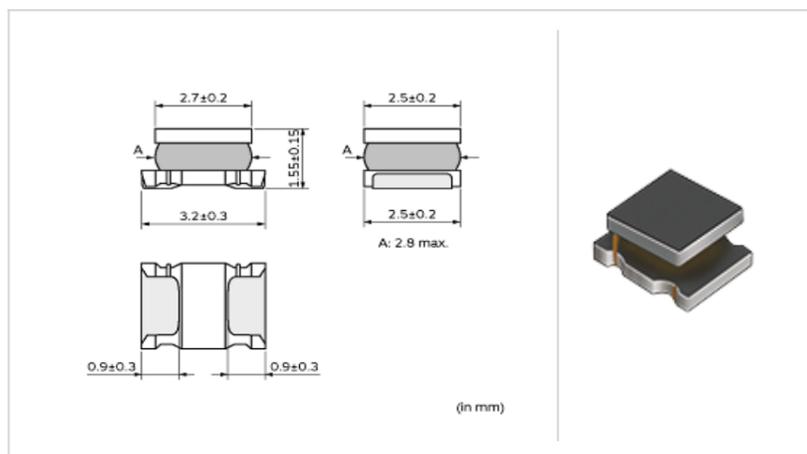
# LQH32PZ6R8NN0#

" # " indicates a package specification code.



< List of part numbers with package codes >  
LQH32PZ6R8NN0L , LQH32PZ6R8NN0K

## Shape



L size	3.2 ± 0.3mm
W size	2.5 ± 0.2mm
T size	1.55 ± 0.15mm
Size code in inch (mm)	1210 (3225)

## 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 °C max.  
Keep the temperature ( ambient temperature plus self-generation of heat) under 125 °C.

## References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	2000
K	330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.044g

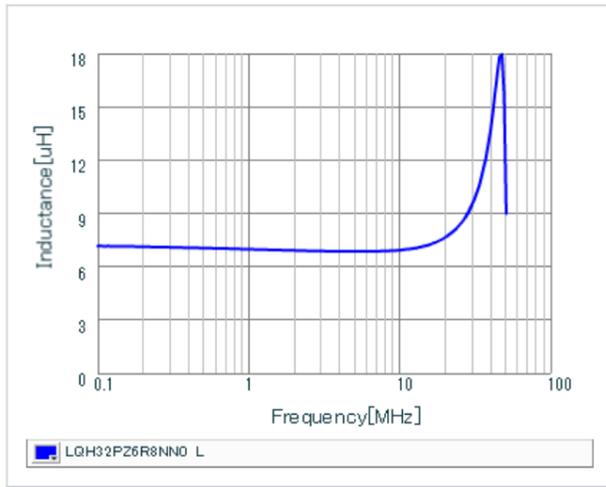
## Specifications

Inductance	6.8µH ± 30%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	850mA
Rated current (Itemp) (Based on Temperature rise)	850mA(Ambient temperature 85 °C) 510mA(Ambient temperature 105 °C)
Max. of DC resistance	0.288
Avg. of DC resistance	0.24 ± 20%
Self resonance frequency (min.)	40MHz
Operating temperature range (Self-temperature rise is included)	-40 ~ 125
Operating temperature range (Self-temperature rise is not included)	-40 ~ 105
Class of magnetic shield	Magnetic shield of magnetic powder in resin

## Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ' s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

▪ Inductance-Frequency characteristics (Typ.)



▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)

