

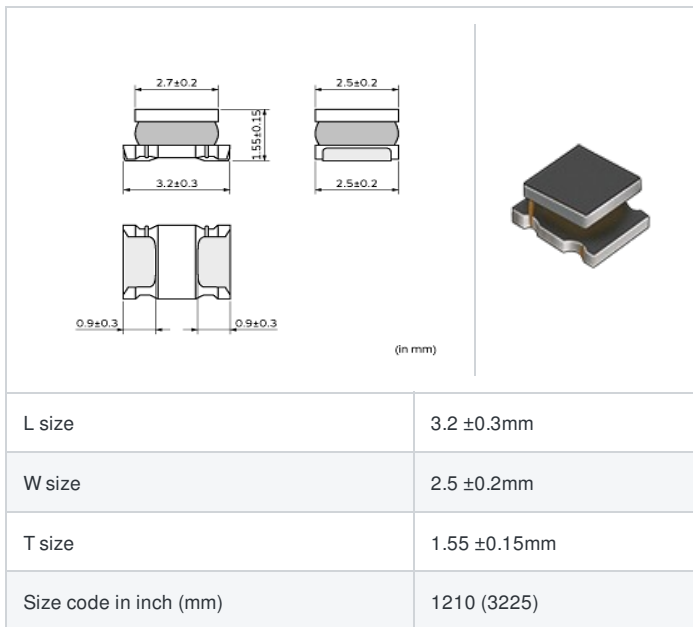
# LQH32PN100MNC#

# indicates a package specification code.



< List of part numbers with package codes >  
LQH32PN100MNCL , LQH32PN100MNCK

## Shape



## Notes

When rated current is applied to the products, inductance will be within  $\pm 30\%$  of nominal inductance value.  
When rated current is applied to the products, the 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	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.044g

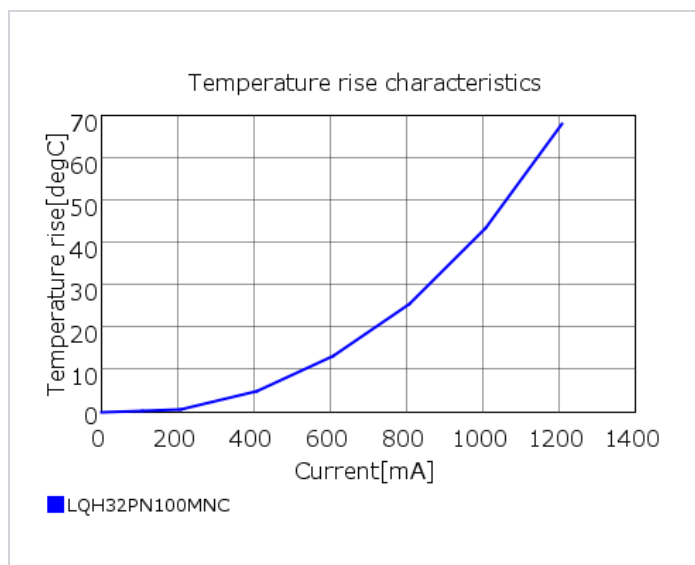
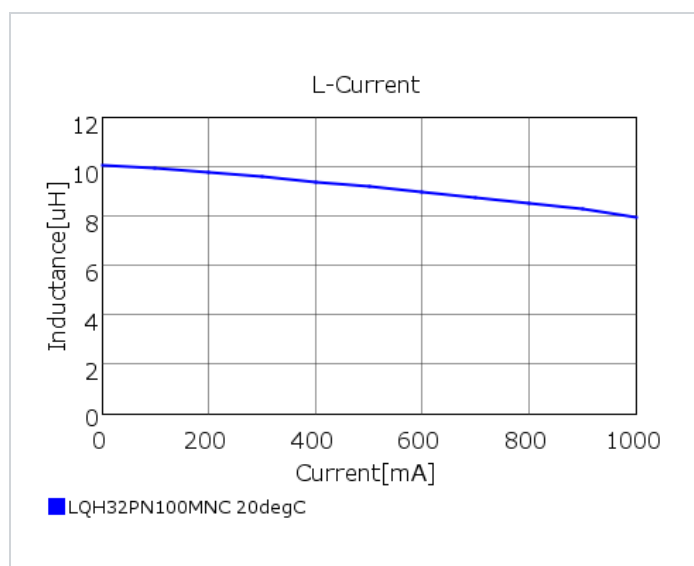
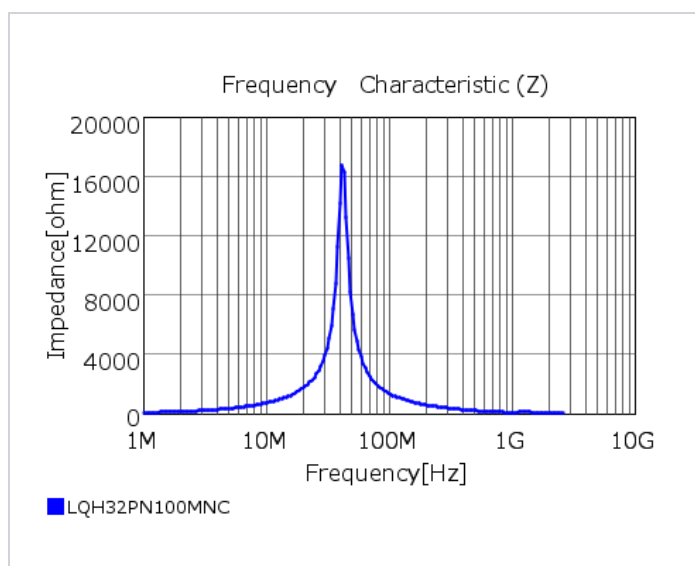
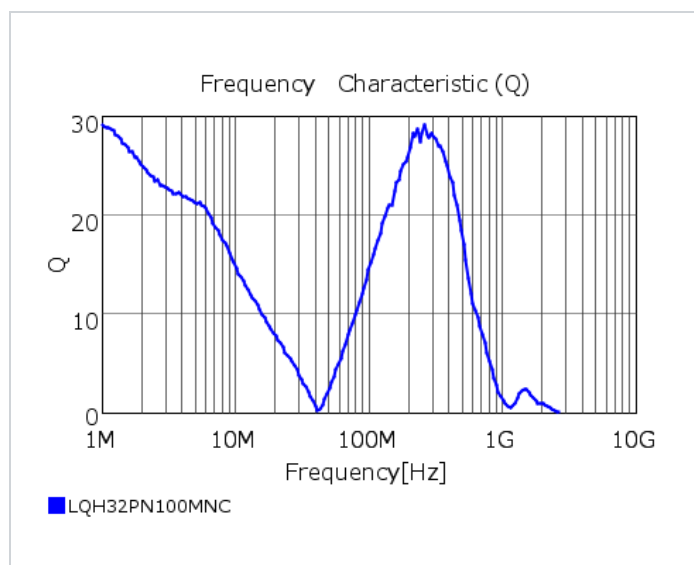
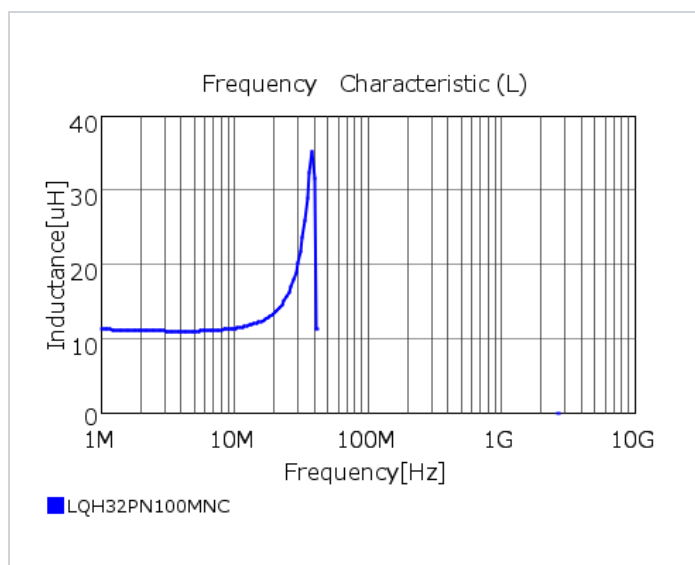
## Specifications

Inductance	10μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	1000mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	900mA
Max. of DC resistance	0.354Ω
Avg. of DC resistance	0.295Ω $\pm 20\%$
Self resonance frequency (min.)	30MHz
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Magnetic Resin
Series	LQH32PN_NC

1 of 2

### Attention

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