

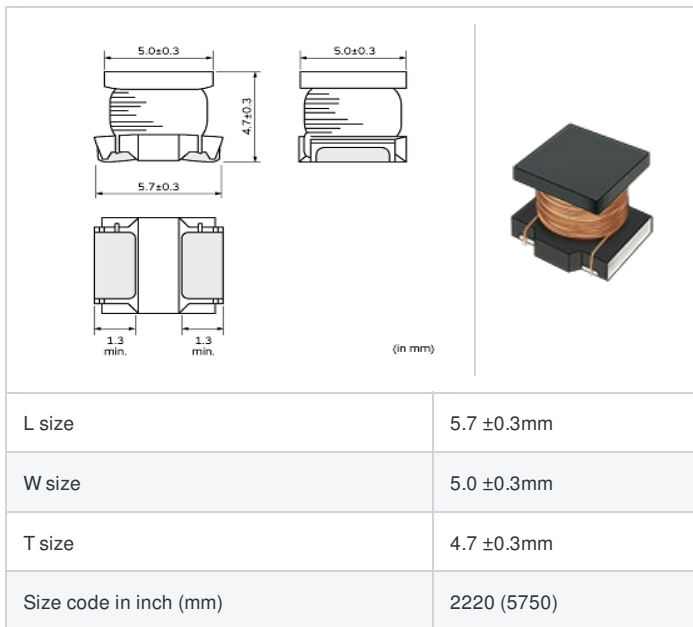
LQH55DN6R8M03#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH55DN6R8M03L , LQH55DN6R8M03K

Shape



Notes

When rated current is applied to the products, inductance will be within ±40% of initial 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.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	350
K	φ330mm Embossed taping	1500

Mass (Typ.)	
1 piece	0.48g

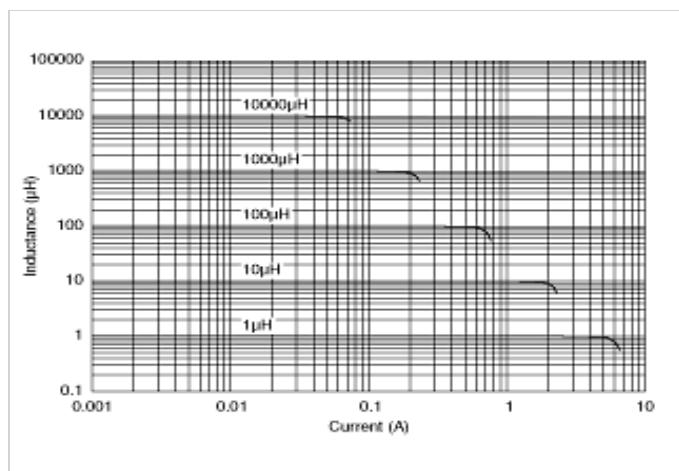
Specifications

Inductance	6.8μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	2.0A
Max. of DC resistance	0.1036Ω
Avg. of DC resistance	0.074Ω ±40%
Self resonance frequency (min.)	25MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 80°C
Class of magnetic shield	No Shield
Series	LQH55DN_03

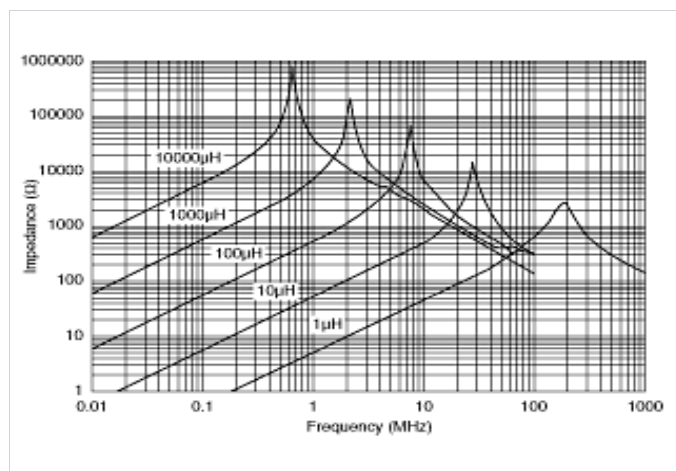
Attention

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 - 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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■ Inductance-Current characteristics (Typ.)



■ Impedance-Frequency characteristics (Typ.)



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