

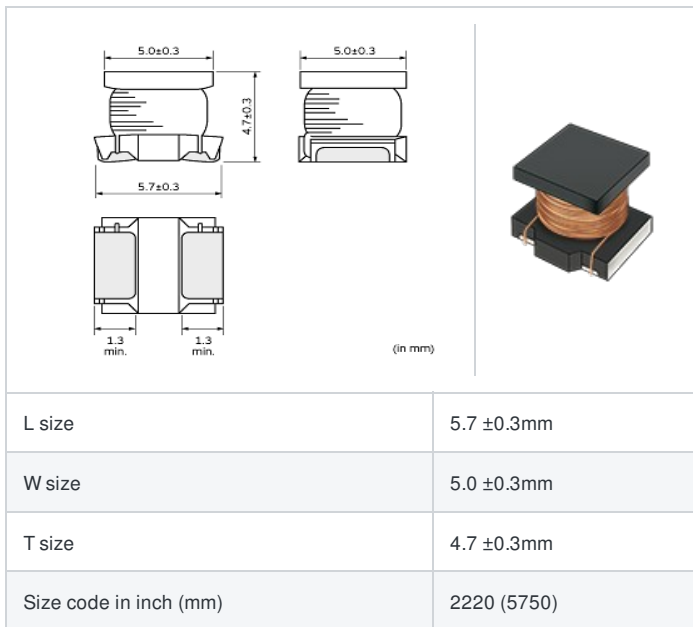
LQH55DN3R3M03#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH55DN3R3M03L , LQH55DN3R3M03K

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 40\%$ 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

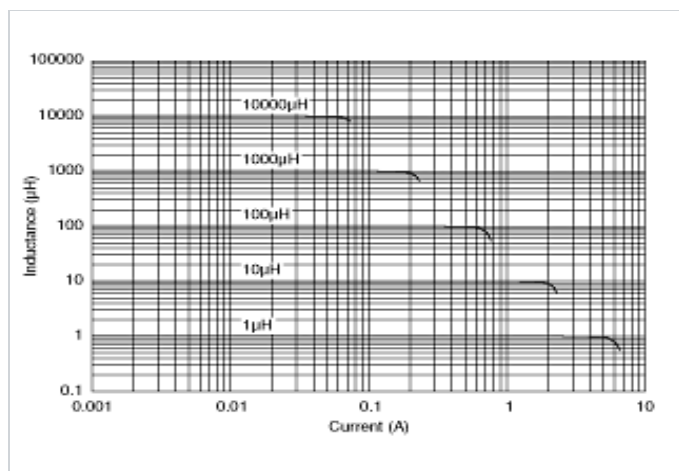
Specifications

Inductance	3.3μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	2.9A
Max. of DC resistance	0.0504Ω
Avg. of DC resistance	0.036Ω ±40%
Self resonance frequency (min.)	40MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 80°C
Class of magnetic shield	No Shield
Series	LQH55DN_03

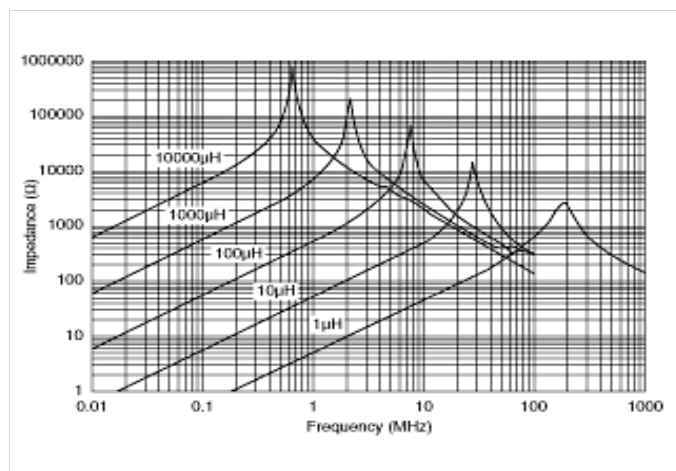
Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

■ Inductance-Current characteristics (Typ.)



■ Impedance-Frequency characteristics (Typ.)



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