

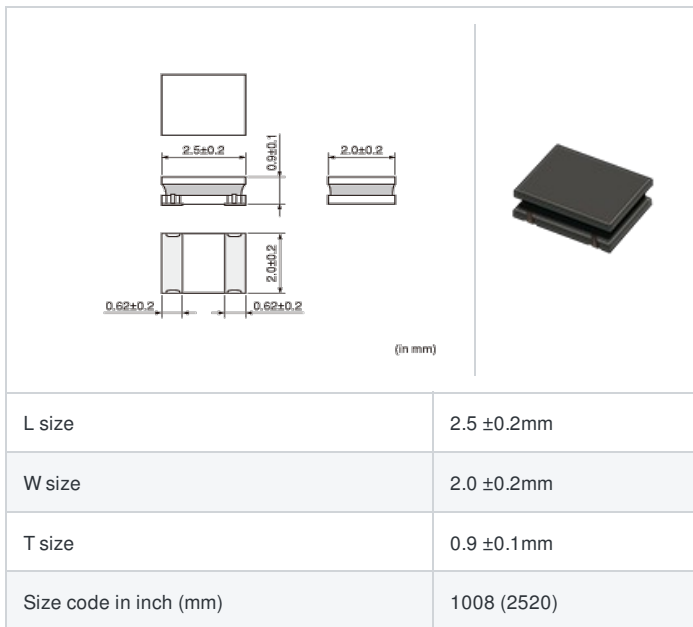
LQH2HPZ220MGR#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH2HPZ220MGRL

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 30\%$ of initial inductance value range.
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	3000

Mass (Typ.)	
1 piece	0.019g

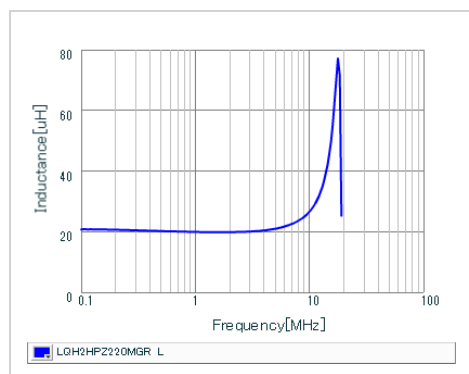
Specifications

Inductance	22μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	460mA
Rated current (Itemp) (Based on Temperature rise)	430mA
Max. of DC resistance	1.632Ω
Avg. of DC resistance	1.360Ω $\pm 20\%$
Self resonance frequency (min.)	15MHz
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~105°C
Class of magnetic shield	Magnetic Resin
Series	LQH2HPZ_GR

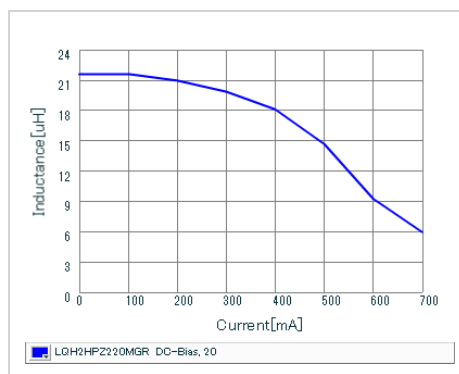
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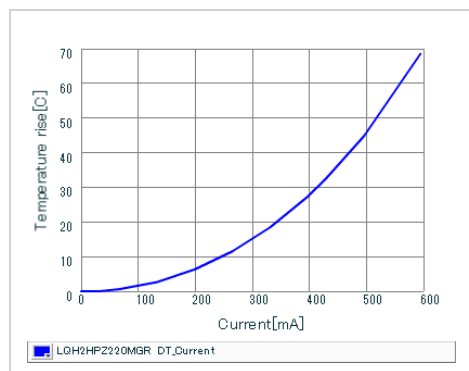
■ Inductance-Frequency characteristics (Typ.)



■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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