

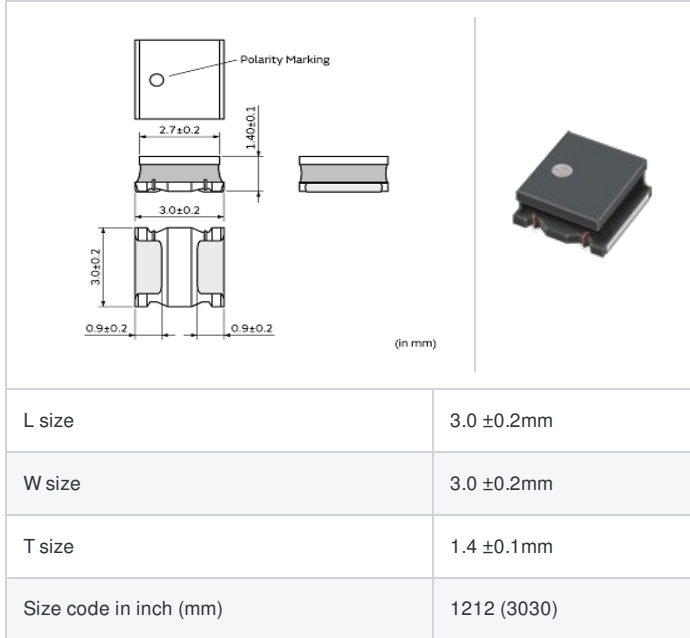
LQH3NPN150MM0#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH3NPN150MM0L , LQH3NPN150MM0K

Shape



Notes

When applied Rated current to the Products, Inductance will be within $\pm 30\%$ 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	φ180mm Embossed taping	1000
K	φ330mm Embossed taping	4000

Mass (Typ.)	
1 piece	0.051g

Specifications

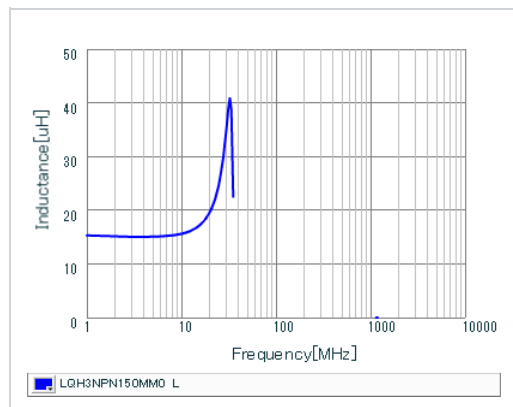
Inductance	15μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	520mA
Rated current (Itemp) (Based on Temperature rise)	730mA
Max. of DC resistance	0.432Ω
Avg. of DC resistance	0.36Ω $\pm 20\%$
Self resonance frequency (min.)	30MHz
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~85°C
Class of magnetic shield	Magnetic Resin

1 of 2

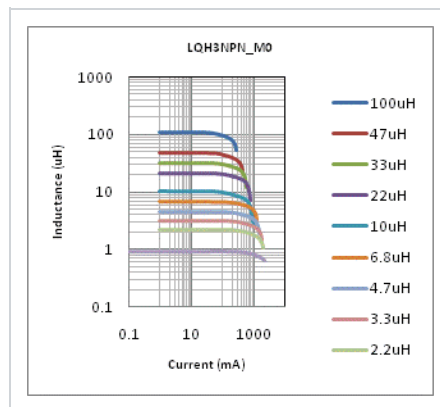
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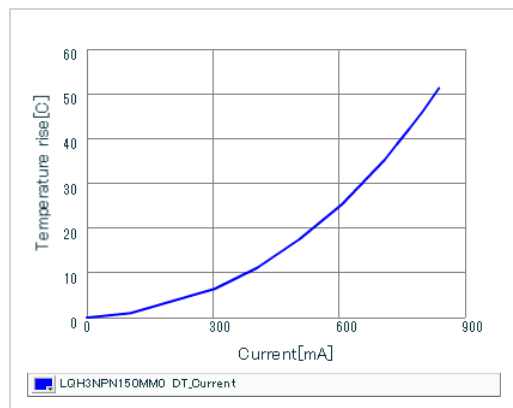
" Inductance-Frequency characteristics (Typ.)



" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



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