

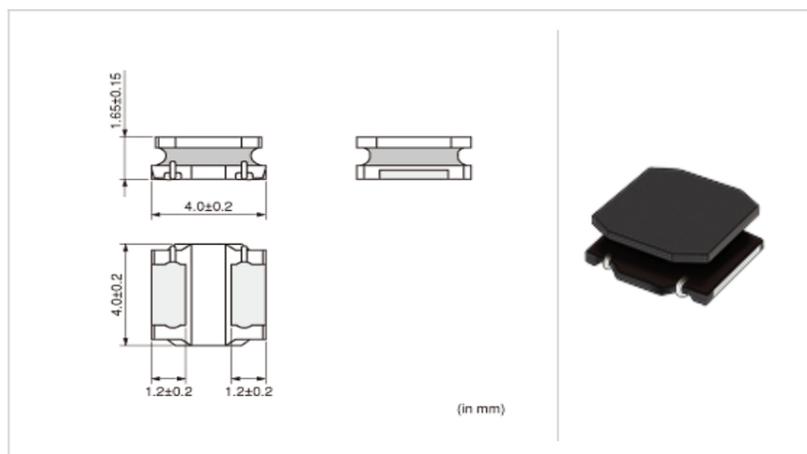
LQH44PN4R7MP0#

" # " indicates a package specification code.



< List of part numbers with package codes >
LQH44PN4R7MP0L , LQH44PN4R7MP0K

Shape



L size	4.0 ± 0.2mm
W size	4.0 ± 0.2mm
T size	1.65 ± 0.15mm
Size code in inch (mm)	1515 (4040)

Notes

When applied Rated current to the Products, Inductance will be within ± 30% of initial Inductance value.
When applied Rated current to the Products , self temperature rise shall be limited to 40 °C max.
Keep the temperature (ambient temperature plus self-generation o f heat) under 125

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	1000
K	330mm Embossed taping	3500

Mass (Typ.)	
1 piece	0.10g

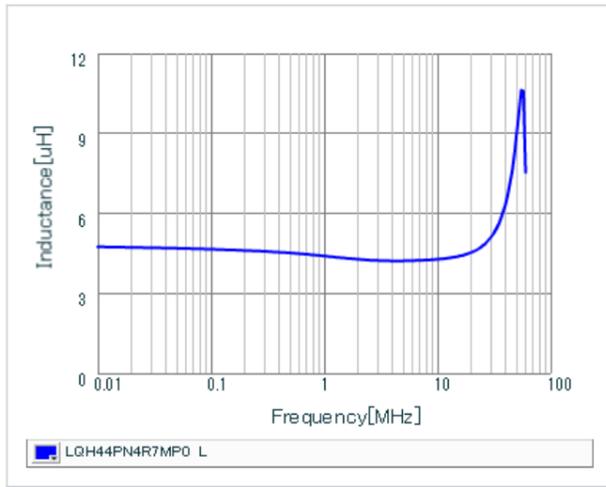
Specifications

Inductance	4.7µH ± 20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1700mA
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.0960
Avg. of DC resistance	0.080 ± 20%
Self resonance frequency (min.)	40MHz
Operating temperature range (Self-temperature rise is included)	-40 ~ 125
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of magnetic powder in resin

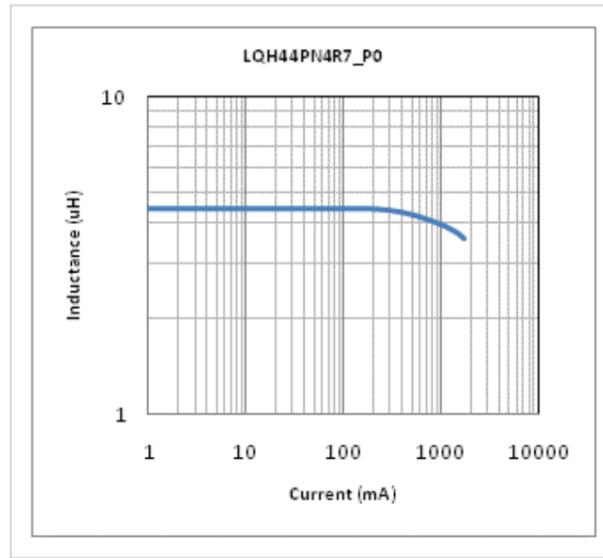
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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

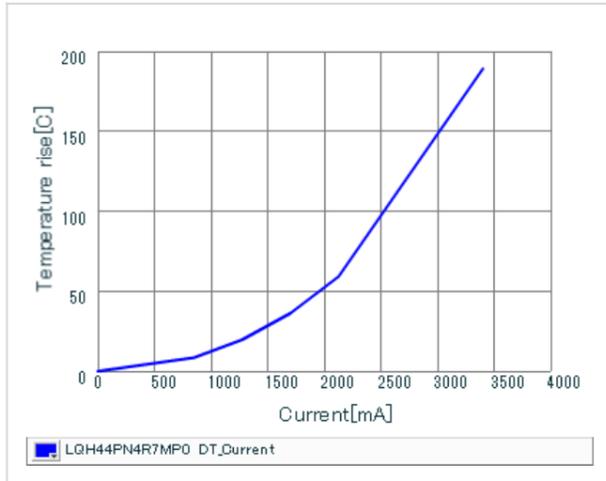
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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