

Product Search Data Sheet

Note: This datasheet may be out of date Please download the latest datasheet of LQH32PH4R7NNC# from the official website of Murata Manufacturing Co., Ltd. m/en/products/productdetail?partno=LQH32PH4R7NNC%23

When rated current is applied to the products, inductance will be within ±30% of nominal 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. Keep the temperature (ambient temperature plus self-

LQH32PH4R7NNC#

"#" indicates a package specification code.

Notices

generation of heat) under 125°C.

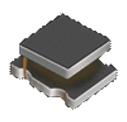
Size code 1210(3225)in inch(in mm),1.7mm max. Thickness, 125°C Operation Available

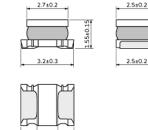


0.9±0.3

< List of part numbers with package codes > LQH32PH4R7NNCK LQH32PH4R7NNCL







0.9±0.3

(in mm)



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Attention

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering



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References

Packaging	Specifications	Minimum Order Quantity
К	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.044g

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Specifications

L size	3.2±0.3mm	
W size	2.5±0.2mm	
T size	1.55±0.15mm	
Size code inch (mm)	1210 (3225)	
Inductance	4.7µH±30%	
Inductance Test Frequency	1MHz	
Rated current (Isat) (Based on Inductance change)	1600mA	
Rated current (Itemp) (Based on Temperature rise)	1200mA(Ambient temp.85°C)610mA(Ambient temp.105°C)	
Max. of DC resistance	0.186Ω	
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C	
Class of magnetic shield	Magnetic Resin	
Self resonance frequency (min.)	40MHz	
Operating Temperature Range(Self- temperature rise is not included)	-40°C to 105°C	
DC Resistance Intermediate Values	0.155Ω±20%	
Series	LQH32PH_NC	

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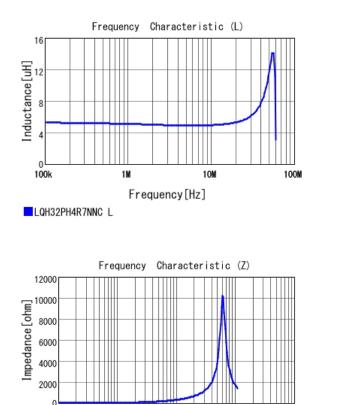
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Characteristic Data

The charts below may show another part number which shares its characteristics.



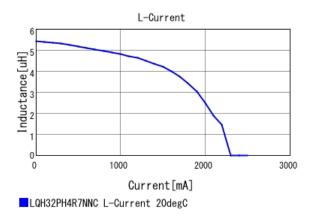
10M

Frequency [Hz]

100M

1G

Frequency Characteristic (Q) 30 20 C 10 0 10M 100k 1M 100M 1G Frequency[Hz] LQH32PH4R7NNC Q



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1M

100k

LQH32PH4R7NNC Z

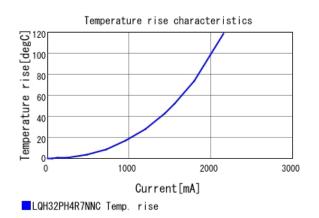


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