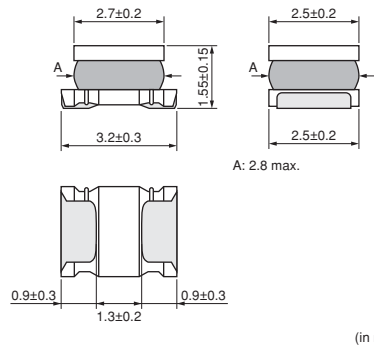


# LQH32PN\_N0

Series 1210/3225 (inch/mm)

Size Code 1210 (3225) in inch (in mm), 1.7mm max. Thickness

## ■ Appearance/Dimensions



## ■ Packaging

Code	Packaging	Minimum Quantity
L	ø180mm Embossed Taping	2000
K	ø330mm Embossed Taping	7500



Refer to pages 102 to 106 for mounting information.

## ■ Rated Value (□: packaging code)

Part Number	Inductance	Rated Current <sup>*1*3</sup> (Based on Inductance Change)	Rated Current <sup>*2*3</sup> (Based on Temperature Rise)	DC Resistance	Self-Resonance Frequency (min.)	
LQH32PNR47NN0□	0.47μH ±30%	3400mA	2550mA	0.03Ω ±20%	100MHz	Kit
LQH32PN1R0NN0□	1.0μH ±30%	2300mA	2050mA	0.045Ω ±20%	100MHz	Kit
LQH32PN1R5NN0□	1.5μH ±30%	1750mA	1750mA	0.057Ω ±20%	70MHz	Kit
LQH32PN2R2NN0□	2.2μH ±30%	1550mA	1600mA	0.076Ω ±20%	70MHz	Kit
LQH32PN3R3NN0□	3.3μH ±30%	1250mA	1200mA	0.12Ω ±20%	50MHz	Kit
LQH32PN4R7NN0□	4.7μH ±30%	1000mA	1000mA	0.18Ω ±20%	40MHz	Kit
LQH32PN6R8NN0□	6.8μH ±30%	850mA	850mA	0.24Ω ±20%	40MHz	Kit
LQH32PN100MN0□	10μH ±20%	750mA	700mA	0.38Ω ±20%	30MHz	Kit
LQH32PN150MN0□	15μH ±20%	600mA	520mA	0.57Ω ±20%	20MHz	Kit
LQH32PN220MN0□	22μH ±20%	500mA	450mA	0.81Ω ±20%	20MHz	Kit
LQH32PN330MN0□	33μH ±20%	380mA	390mA	1.15Ω ±20%	13MHz	Kit
LQH32PN470MN0□	47μH ±20%	330mA	310mA	1.78Ω ±20%	11MHz	Kit
LQH32PN680MN0□	68μH ±20%	280mA	275mA	2.28Ω ±20%	11MHz	Kit
LQH32PN101MN0□	100μH ±20%	180mA	250mA	2.70Ω ±20%	8MHz	Kit
LQH32PN121MN0□	120μH ±20%	170mA	200mA	4.38Ω ±20%	8MHz	Kit

Inductance Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of magnetic powder in resin

Operating Temperature Range (Self-temperature rise is included): -40°C~+125°C

Operating Temperature Range (Self-temperature rise is not included): -40°C~+85°C

For reflow soldering only.

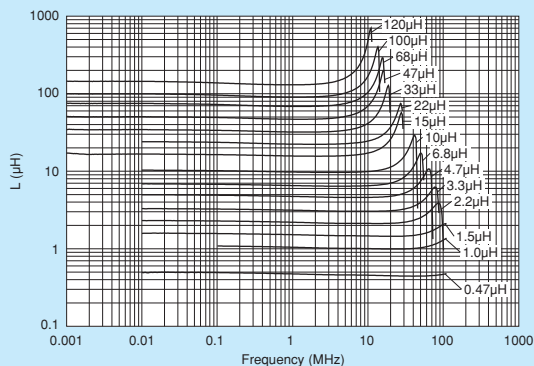
\*1 When applied rated current to the products, inductance will be within ±30% of initial inductance value.

\*2 When applied rated current to the products, self-temperature rise shall be limited to 40°C max.

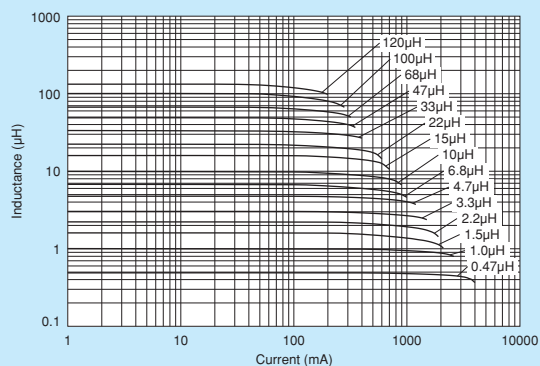
\*3 Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

Continued on the following page.

### ■ Inductance-Frequency Characteristics (Typ.)



### ■ Inductance-Current Characteristics (Typ.)



### ■ Temperature Rise Characteristics (Typ.)

