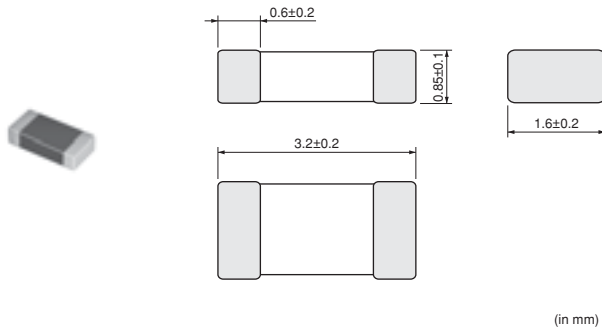


# LQM31PN\_00

Series 1206/3216 (inch/mm)

Size Code 1206 (3216) in inch (in mm), 0.95mm max. Thickness

## Appearance/Dimensions



## Packaging

Code	Packaging	Minimum Quantity
L	ø180mm Embossed Taping	3000
B	Packing in Bulk	1000



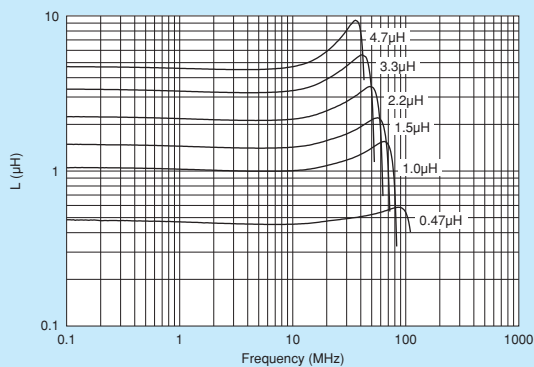
Refer to pages 102 to 106 for mounting information.

## Rated Value (□: packaging code)

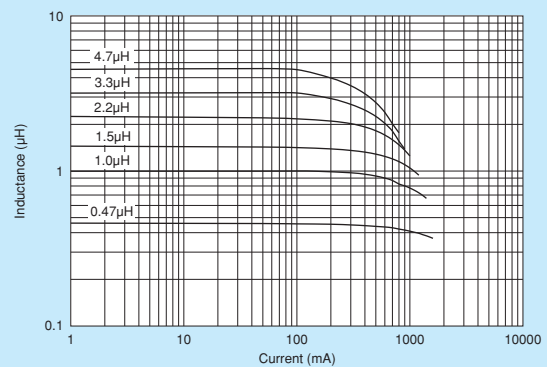
Part Number	Inductance	Inductance Test Frequency	Rated Current	DC Resistance	Self-Resonance Frequency (min.)	
LQM31PNR47M00□	0.47μH ±20%	1MHz	1400mA	0.07 Ω ±25%	80MHz	Kit
LQM31PN1R0M00□	1.0μH ±20%	1MHz	1200mA	0.12 Ω ±25%	60MHz	Kit
LQM31PN1R5M00□	1.5μH ±20%	1MHz	1000mA	0.14 Ω ±25%	50MHz	Kit
LQM31PN2R2M00□	2.2μH ±20%	1MHz	900mA	0.19 Ω ±25%	40MHz	Kit
LQM31PN3R3M00□	3.3μH ±20%	1MHz	800mA	0.24 Ω ±25%	30MHz	Kit
LQM31PN4R7M00□	4.7μH ±20%	1MHz	700mA	0.30 Ω ±25%	25MHz	Kit

Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -55°C~+125°C

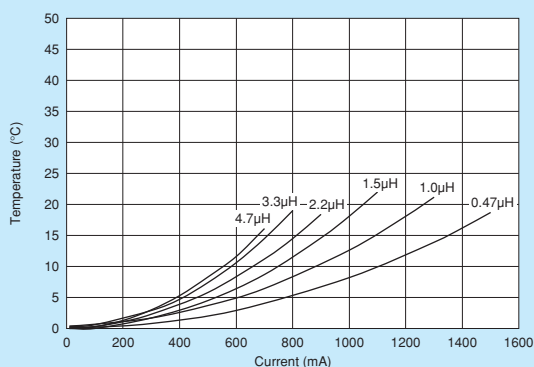
## Inductance-Frequency Characteristics (Typ.)



## Inductance-Current Characteristics (Typ.)



## Temperature Rise Characteristics (Typ.)



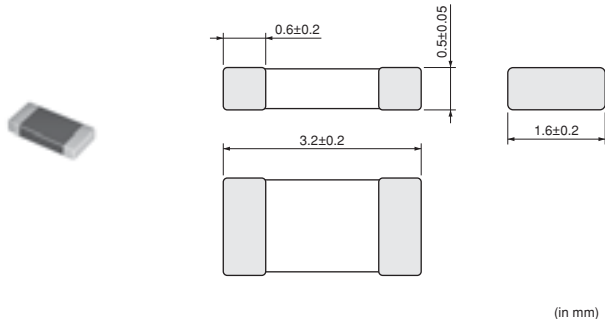
⚠Note • Please read rating and ⚠CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.  
• This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

# LQM31PN\_C0

Series 1206/3216 (inch/mm)

Size Code 1206 (3216) in inch (in mm), 0.55mm max. Thickness

## Appearance/Dimensions



## Packaging

Code	Packaging	Minimum Quantity
L	ø180mm Embossed Taping	4000
B	Packing in Bulk	1000



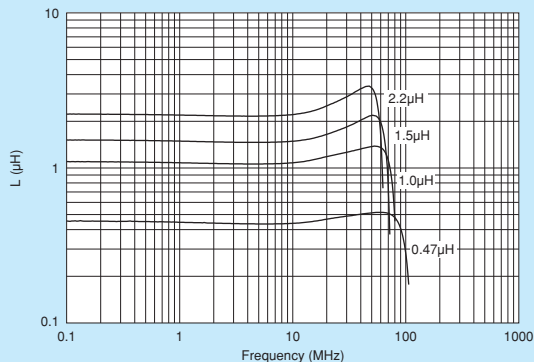
Refer to pages 102 to 106 for mounting information.

## Rated Value (□: packaging code)

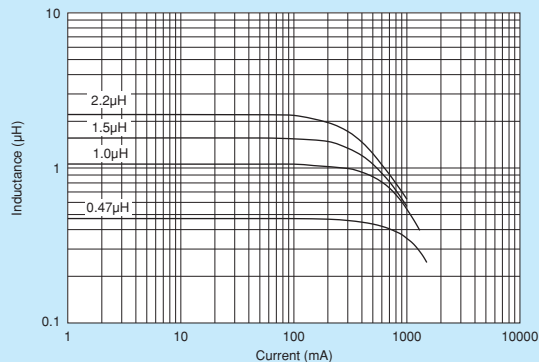
Part Number	Inductance	Inductance Test Frequency	Rated Current	DC Resistance	Self-Resonance Frequency (min.)	
LQM31PNR47MC0□	0.47μH ±20%	1MHz	1300mA	0.085Ω ±25%	90MHz	Kit
LQM31PN1R0MC0□	1.0μH ±20%	1MHz	1100mA	0.14Ω ±25%	70MHz	Kit
LQM31PN1R5MC0□	1.5μH ±20%	1MHz	1000mA	0.17Ω ±25%	60MHz	Kit
LQM31PN2R2MC0□	2.2μH ±20%	1MHz	900mA	0.25Ω ±25%	50MHz	Kit

Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -55°C~+125°C

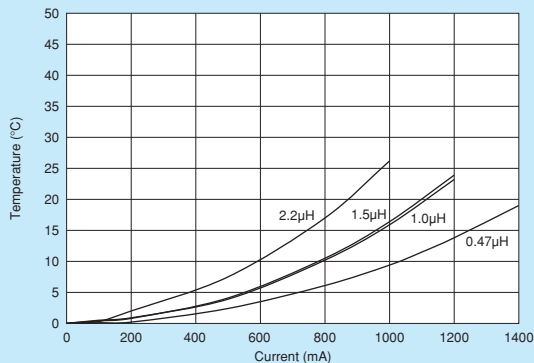
## Inductance-Frequency Characteristics (Typ.)



## Inductance-Current Characteristics (Typ.)



## Temperature Rise Characteristics (Typ.)



⚠Note • Please read rating and ⚠CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.  
• This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.