
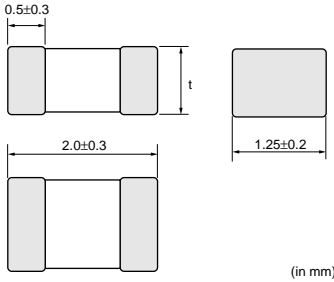


LQM21N Series (0805 Size)



0805 Size, Multilayer Type

■ Dimensions

(in mm)

Dimension of t	Inductance: 0.1 to 2.2μH	0.85±0.2
	Inductance: 2.7 to 4.7μH	1.25±0.2

■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000 *1
L	180mm Embossed Tape	3000 *2
J	330mm Paper Tape	10000 *1
K	330mm Embossed Tape	10000 *2
B	Bulk(Bag)	1000

*1: only 0.1 to 2.2μH
*2: only 2.7 to 4.7μH

Refer to pages from p.107 to p.110 for mounting information.

■ Rated Value (□: packaging code)

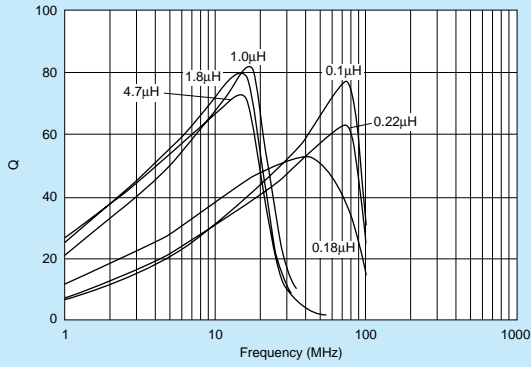
Part Number	Inductance	Test Frequency	Rated Current	Max. of DC resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)	
LQM21NNR10K10□	0.1μH±10%	25MHz	250mA	0.26ohm	20	25MHz	340MHz	Kit
LQM21NNR12K10□	0.12μH±10%	25MHz	250mA	0.29ohm	20	25MHz	310MHz	Kit
LQM21NNR15K10□	0.15μH±10%	25MHz	250mA	0.32ohm	20	25MHz	270MHz	Kit
LQM21NNR18K10□	0.18μH±10%	25MHz	250mA	0.35ohm	20	25MHz	250MHz	Kit
LQM21NNR22K10□	0.22μH±10%	25MHz	250mA	0.38ohm	20	25MHz	220MHz	Kit
LQM21NNR27K10□	0.27μH±10%	25MHz	250mA	0.42ohm	20	25MHz	200MHz	Kit
LQM21NNR33K10□	0.33μH±10%	25MHz	250mA	0.48ohm	20	25MHz	180MHz	Kit
LQM21NNR39K10□	0.39μH±10%	25MHz	200mA	0.53ohm	25	25MHz	165MHz	Kit
LQM21NNR47K10□	0.47μH±10%	25MHz	200mA	0.57ohm	25	25MHz	150MHz	Kit
LQM21NNR56K10□	0.56μH±10%	25MHz	150mA	0.63ohm	25	25MHz	140MHz	Kit
LQM21NNR68K10□	0.68μH±10%	25MHz	150mA	0.72ohm	25	25MHz	125MHz	Kit
LQM21NNR82K10□	0.82μH±10%	25MHz	150mA	0.81ohm	25	25MHz	115MHz	Kit
LQM21NN1R0K10□	1μH±10%	10MHz	50mA	0.40ohm	45	10MHz	107MHz	Kit
LQM21NN1R2K10□	1.2μH±10%	10MHz	50mA	0.47ohm	45	10MHz	97MHz	Kit
LQM21NN1R5K10□	1.5μH±10%	10MHz	50mA	0.50ohm	45	10MHz	87MHz	Kit
LQM21NN1R8K10□	1.8μH±10%	10MHz	50mA	0.57ohm	45	10MHz	80MHz	Kit
LQM21NN2R2K10□	2.2μH±10%	10MHz	30mA	0.63ohm	45	10MHz	71MHz	Kit
LQM21NN2R7K10□	2.7μH±10%	10MHz	30mA	0.69ohm	45	10MHz	66MHz	Kit
LQM21NN3R3K10□	3.3μH±10%	10MHz	30mA	0.80ohm	45	10MHz	59MHz	Kit
LQM21NN3R9K10□	3.9μH±10%	10MHz	30mA	0.89ohm	45	10MHz	53MHz	Kit
LQM21NN4R7K10□	4.7μH±10%	10MHz	30mA	1.00ohm	45	10MHz	47MHz	Kit

Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -40°C to +85°C

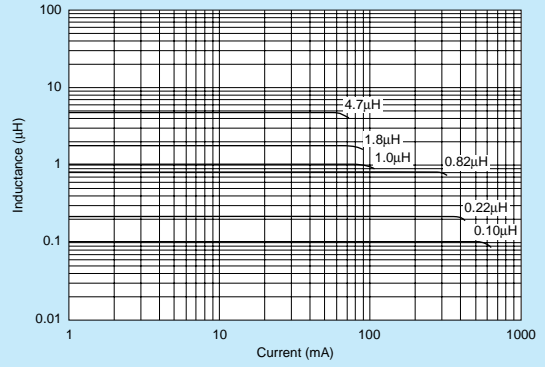
Continued on the following page.

△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 because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

■ Q-Frequency Characteristics (Typ.)



■ Inductance-Current 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 because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.