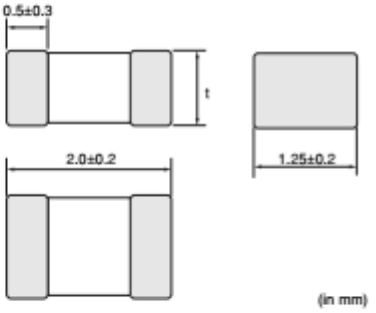
LQM21NN_10 Series 0805/2012 (inch/mm)

Size Code 0805 (2012) in inch (in mm)

■ Appearance/ Dimensions



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	ø180mm Paper Taping	4000
L	ø180mm Embossed Taping	3000
J	ø330mm Paper Taping	10000
K	ø330mm Embossed Taping	10000
B	Packing in Bulk	1000

Thickness 1.45mm max. | E-12 Step | Reflow OK | Flow OK

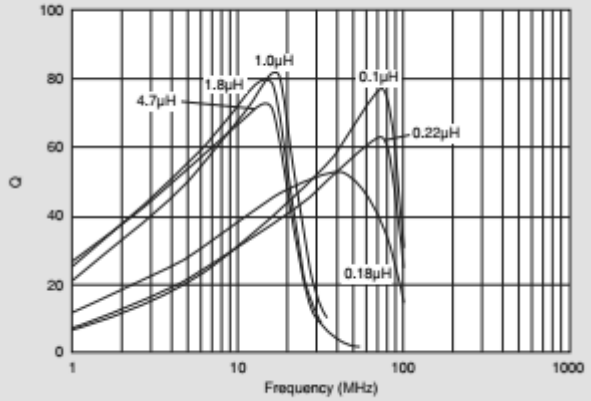
Refer to pages 137 to 140 for mounting information.

■ Rated Value (□: packaging code)

Part Number	Inductance	Inductance Test Frequency	Rated Current	Max. of DC Resistance	Q (min.)	Q Test Frequency	Self-Resonance Frequency (min.)	
LQM21NNR10K10□	0.1μH ±10%	25MHz	250mA	0.26Ω	20	25MHz	340MHz	Kit
LQM21NNR12K10□	0.12μH ±10%	25MHz	250mA	0.29Ω	20	25MHz	310MHz	Kit
LQM21NNR15K10□	0.15μH ±10%	25MHz	250mA	0.32Ω	20	25MHz	270MHz	Kit
LQM21NNR18K10□	0.18μH ±10%	25MHz	250mA	0.35Ω	20	25MHz	250MHz	Kit
LQM21NNR22K10□	0.22μH ±10%	25MHz	250mA	0.38Ω	20	25MHz	220MHz	Kit
LQM21NNR27K10□	0.27μH ±10%	25MHz	250mA	0.42Ω	20	25MHz	200MHz	Kit
LQM21NNR33K10□	0.33μH ±10%	25MHz	250mA	0.48Ω	20	25MHz	180MHz	Kit
LQM21NNR39K10□	0.39μH ±10%	25MHz	200mA	0.53Ω	25	25MHz	165MHz	Kit
LQM21NNR47K10□	0.47μH ±10%	25MHz	200mA	0.57Ω	25	25MHz	150MHz	Kit
LQM21NNR56K10□	0.56μH ±10%	25MHz	150mA	0.63Ω	25	25MHz	140MHz	Kit
LQM21NNR68K10□	0.68μH ±10%	25MHz	150mA	0.72Ω	25	25MHz	125MHz	Kit
LQM21NNR82K10□	0.82μH ±10%	25MHz	150mA	0.81Ω	25	25MHz	115MHz	Kit
LQM21NN1R0K10□	1.0μH ±10%	10MHz	50mA	0.40Ω	45	10MHz	107MHz	Kit
LQM21NN1R2K10□	1.2μH ±10%	10MHz	50mA	0.47Ω	45	10MHz	97MHz	Kit
LQM21NN1R5K10□	1.5μH ±10%	10MHz	50mA	0.50Ω	45	10MHz	87MHz	Kit
LQM21NN1R8K10□	1.8μH ±10%	10MHz	50mA	0.57Ω	45	10MHz	80MHz	Kit
LQM21NN2R2K10□	2.2μH ±10%	10MHz	30mA	0.63Ω	45	10MHz	71MHz	Kit
LQM21NN2R7K10□	2.7μH ±10%	10MHz	30mA	0.69Ω	45	10MHz	66MHz	Kit
LQM21NN3R3K10□	3.3μH ±10%	10MHz	30mA	0.80Ω	45	10MHz	59MHz	Kit
LQM21NN3R9K10□	3.9μH ±10%	10MHz	30mA	0.89Ω	45	10MHz	53MHz	Kit
LQM21NN4R7K10□	4.7μH ±10%	10MHz	30mA	1.00Ω	45	10MHz	47MHz	Kit

Class of Magnetic Shield: Magnetic shield of ferrite
Operating Temperature Range (Self-temperature rise is not included): -40℃～+85℃

■ Q-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)