

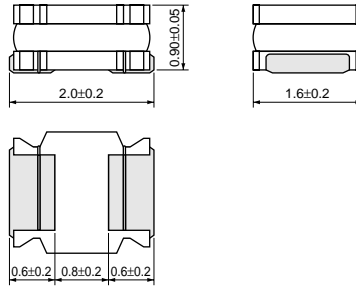
LQH2MC-02 Series (0806 Size)

LQH2MC_02



0806 Size, 0.95mm max. Thickness

■ Dimensions



(in mm)

■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	3000
B	Bulk(Bag)	100

Refer to pages from p.80 to p.83 for mounting information.

■ Rated Value (□: packaging code)

Part Number	Inductance	Rated Current (Based on Inductance Change)	Rated Current ^{*1} (Based on Temperature Rise)	DC Resistance	Self Resonance Frequency (min.)	
LQH2MCN1R0M02□	1.0μH±20%	-	485mA	0.30ohm±30%	100MHz	Kit
LQH2MCN1R5M02□	1.5μH±20%	-	445mA	0.40ohm±30%	95MHz	Kit
LQH2MCN2R2M02□	2.2μH±20%	-	425mA	0.48ohm±30%	70MHz	Kit
LQH2MCN3R3M02□	3.3μH±20%	-	375mA	0.60ohm±30%	65MHz	Kit
LQH2MCN4R7M02□	4.7μH±20%	-	300mA	0.8ohm±30%	60MHz	Kit
LQH2MCN5R6M02□	5.6μH±20%	-	280mA	0.9ohm±30%	60MHz	Kit
LQH2MCN6R8M02□	6.8μH±20%	-	255mA	1.0ohm±30%	55MHz	Kit
LQH2MCN8R2M02□	8.2μH±20%	-	235mA	1.1ohm±30%	50MHz	Kit
LQH2MCN100K02□	10μH±10%	-	225mA	1.2ohm±30%	48MHz	Kit
LQH2MCN120K02□	12μH±10%	-	210mA	1.4ohm±30%	44MHz	Kit
LQH2MCN150K02□	15μH±10%	-	200mA	1.6ohm±30%	40MHz	Kit
LQH2MCN180K02□	18μH±10%	-	190mA	1.8ohm±30%	35MHz	Kit
LQH2MCN220K02□	22μH±10%	-	185mA	2.1ohm±30%	30MHz	Kit
LQH2MCN270K02□	27μH±10%	-	180mA	2.5ohm±30%	30MHz	Kit
LQH2MCN330K02□	33μH±10%	-	160mA	2.8ohm±30%	28MHz	Kit
LQH2MCN390K02□	39μH±10%	-	125mA	4.4ohm±30%	24MHz	Kit
LQH2MCN470K02□	47μH±10%	-	120mA	5.1ohm±30%	18MHz	Kit
LQH2MCN560K02□	56μH±10%	-	110mA	5.7ohm±30%	17MHz	Kit
LQH2MCN680K02□	68μH±10%	-	100mA	6.6ohm±30%	14MHz	Kit
LQH2MCN820K02□	82μH±10%	-	90mA	7.5ohm±30%	14MHz	Kit

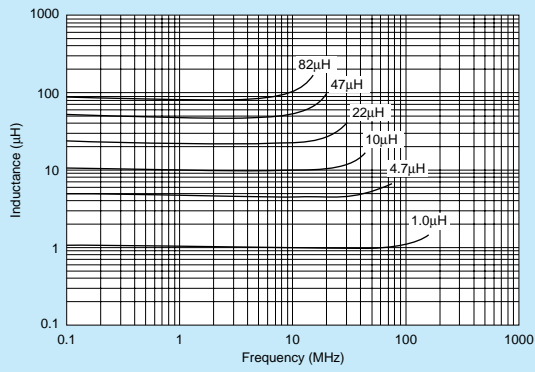
Test Frequency: 1MHz Class of Magnetic Shield: No magnetic shield
 Operating Temperature Range (Self-temperature rise is not included): -40°C to +85°C
 Only for reflow soldering.

*1 When Rated Current is applied to the Products, self-generation of heat will rise to 40°C or less.

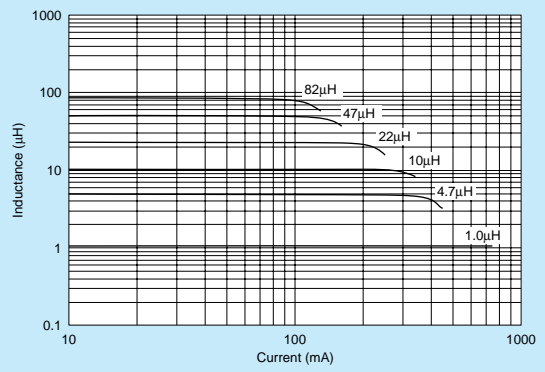
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△Note • Please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.
 • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

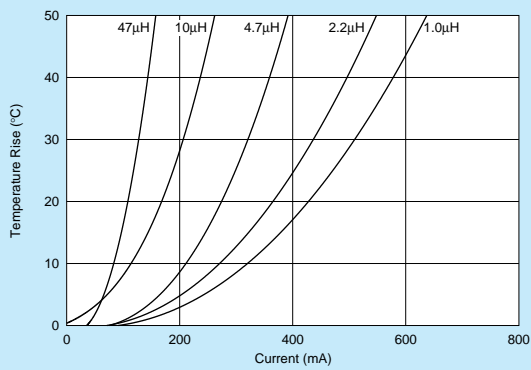
■ Inductance-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)



■ Temperature Rise Characteristics (Typ.)



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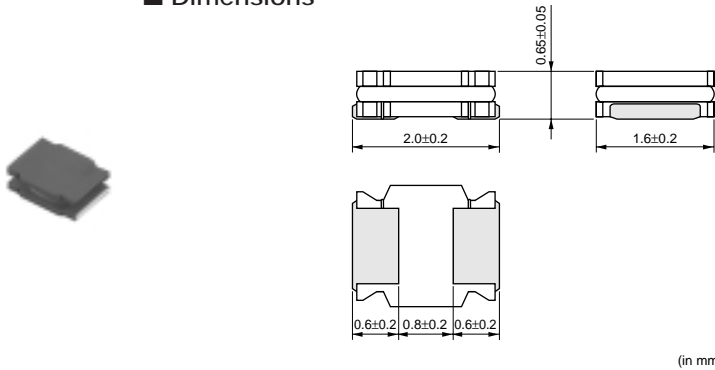
LQH2MC-52 Series (0806 Size)

LQH2MC_52



0806 Size, 0.7mm max. Thickness

■ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	3000
B	Bulk(Bag)	100

Refer to pages from p.80 to p.83 for mounting information.

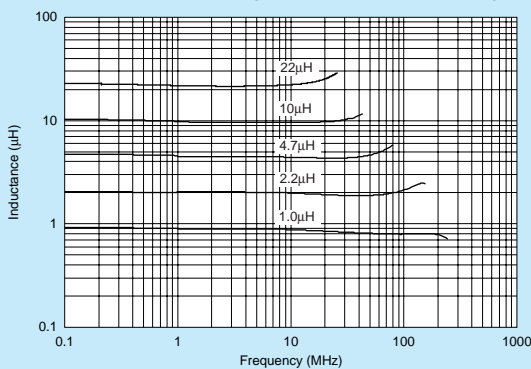
■ Rated Value (□: packaging code)

Part Number	Inductance	Rated Current (Based on Inductance Change)	Rated Current ^{*1} (Based on Temperature Rise)	DC Resistance	Self Resonance Frequency (min.)	
LQH2MCN1R0M52□	1.0μH±20%	-	595mA	0.25ohm±30%	215MHz	Kit
LQH2MCN1R5M52□	1.5μH±20%	-	540mA	0.33ohm±30%	165MHz	Kit
LQH2MCN2R2M52□	2.2μH±20%	-	500mA	0.42ohm±30%	125MHz	Kit
LQH2MCN3R3M52□	3.3μH±20%	-	360mA	0.74ohm±30%	110MHz	Kit
LQH2MCN4R7M52□	4.7μH±20%	-	335mA	0.91ohm±30%	90MHz	Kit
LQH2MCN6R8M52□	6.8μH±20%	-	285mA	1.23ohm±30%	65MHz	Kit
LQH2MCN100M52□	10μH±20%	-	200mA	2.27ohm±30%	60MHz	Kit
LQH2MCN120M52□	12μH±20%	-	170mA	2.4ohm±30%	30MHz	Kit
LQH2MCN150M52□	15μH±20%	-	150mA	3.5ohm±30%	30MHz	Kit
LQH2MCN180M52□	18μH±20%	-	140mA	4ohm±30%	30MHz	Kit
LQH2MCN220M52□	22μH±20%	-	130mA	5.5ohm±30%	30MHz	Kit

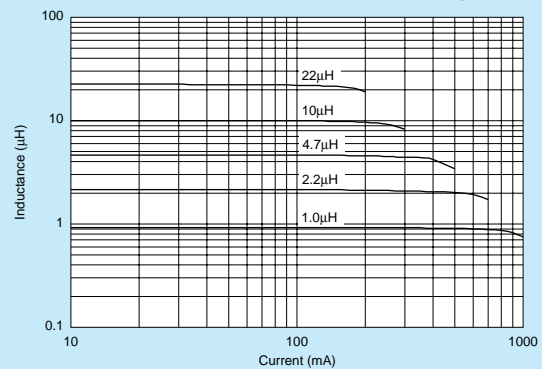
Test Frequency: 1MHz Class of Magnetic Shield: No magnetic shield
 Operating Temperature Range (Self-temperature rise is not included): -40°C to +85°C
 Only for reflow soldering.

*1 When Rated Current is applied to the Products, self-generation of heat will rise to 40°C or less.

■ Inductance-Frequency Characteristics (Typ.)



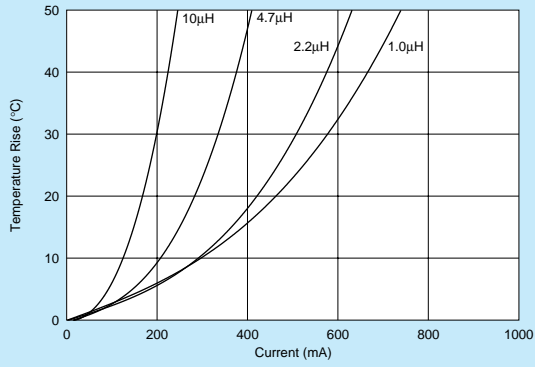
■ Inductance-Current Characteristics (Typ.)



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■ Temperature Rise Characteristics (Typ.)



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