

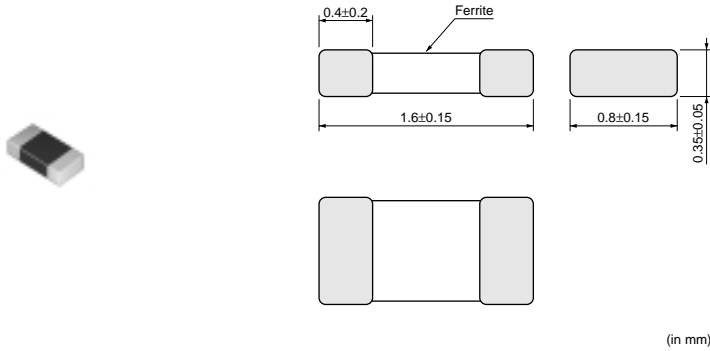
LQM18P-B0 Series (0603 Size)

LQM18P_B0



0603 Size, 0.4mm max. Thickness

■ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	4000
B	Bulk(Bag)	1000

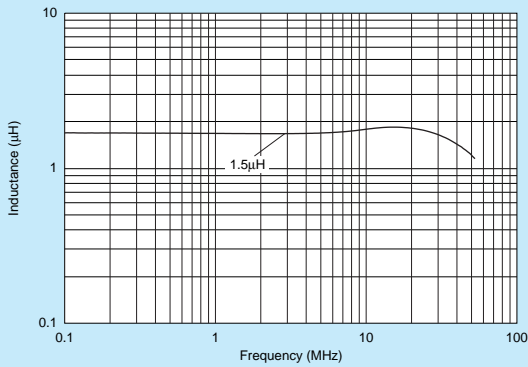
Refer to pages from p.80 to p.83 for mounting information.

■ Rated Value (□: packaging code)

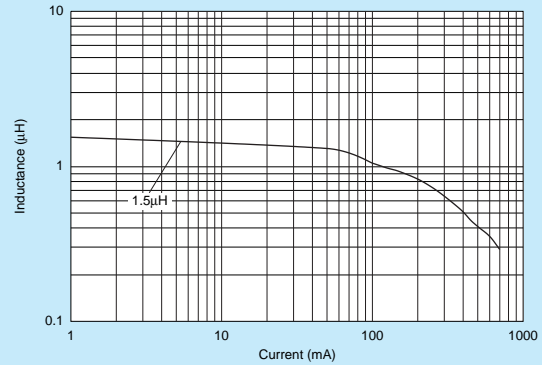
Part Number	Inductance	Rated Current	DC Resistance	Self Resonance Frequency (min.)	
LQM18PN1R5NB0□	1.5μH±30%	600mA	0.35ohm ±25%	50MHz	New Kit

Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -55°C to +125°C

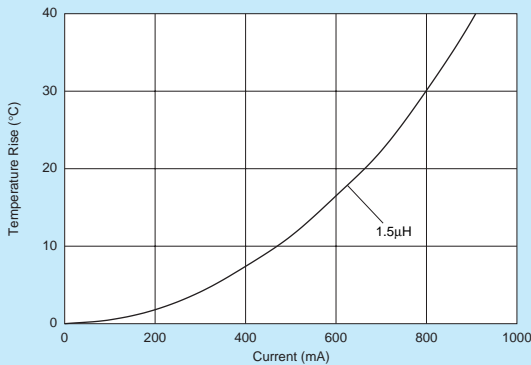
■ Inductance-Frequency Characteristics (Typ.)



■ 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.
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LQM18P_C0 Series (0603 Size)

Thickness 0.55mm max.	Ferrite Core Shield	Flow OK	Reflow OK	New
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0603 Size, 0.55mm max. Thickness

■ Dimensions

(in mm)

■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	4000
B	Bulk(Bag)	1000

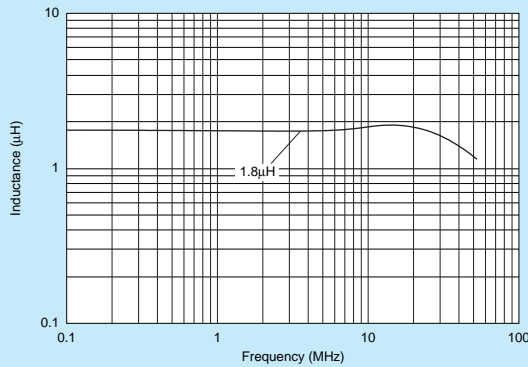
Refer to pages from p.80 to p.83 for mounting information.

■ Rated Value (□: packaging code)

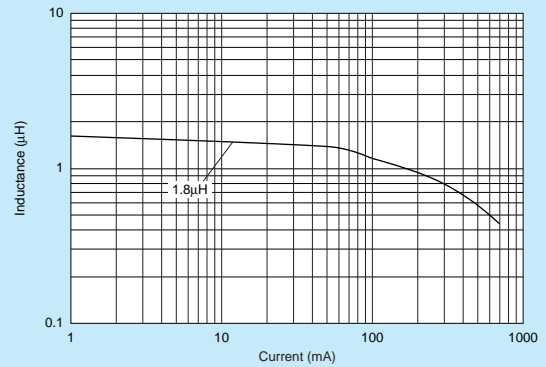
Part Number	Inductance	Rated Current	DC Resistance	Self Resonance Frequency (min.)	
LQM18PN1R8NC0□	1.8μH±30%	700mA	0.24ohm ±25%	50MHz	New Kit

Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -55°C to +125°C

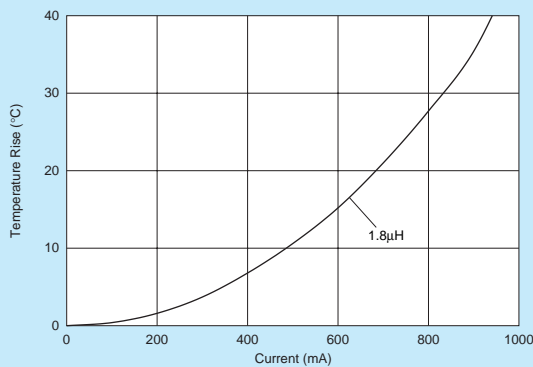
■ Inductance-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)



■ Temperature Rise Characteristics (Typ.)



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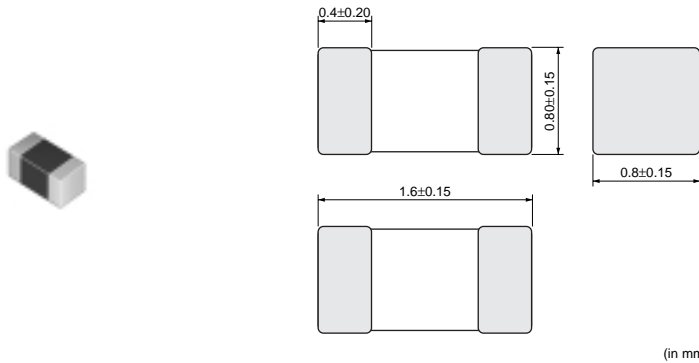
LQM18P_F0 Series (0603 Size)

LQM18P_F0

Thickness 0.95 mm max.	Ferrite Core Shield	Flow OK	Reflow OK	New
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0603 Size, 0.95mm max. Thickness

■ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	4000
B	Bulk(Bag)	1000

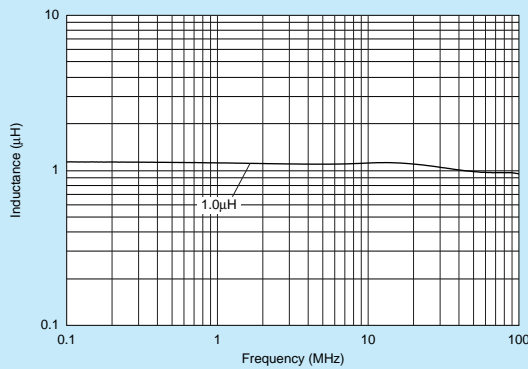
Refer to pages from p.80 to p.83 for mounting information.

■ Rated Value (□: packaging code)

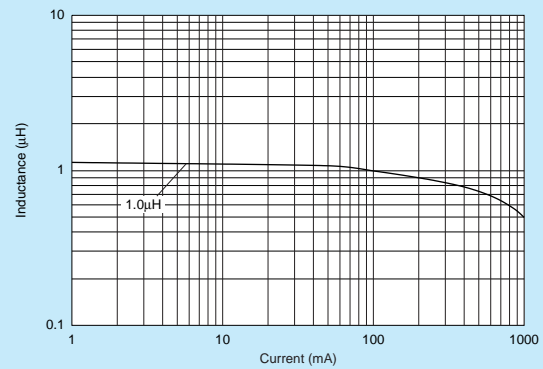
Part Number	Inductance	Rated Current	DC Resistance	Self Resonance Frequency (min.)	
LQM18PN1R0NF0□	1.0μH±30%	600mA	0.28ohm ±25%	50MHz	New Kit

Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -55°C to +125°C

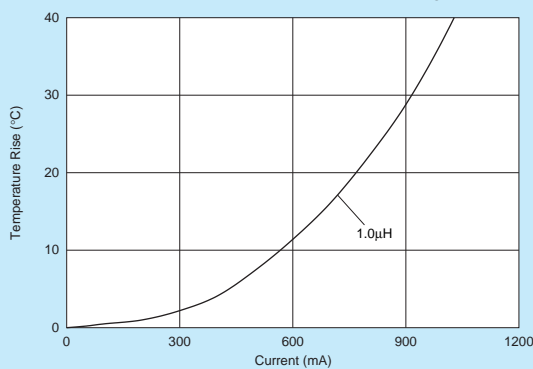
■ Inductance-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)



■ Temperature Rise Characteristics (Typ.)



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Inductor for Power Lines (Power Inductor)
Multilayer Magnetic Type for Voltage Conversion

Inductor for Low Frequency Circuits

RF Inductor


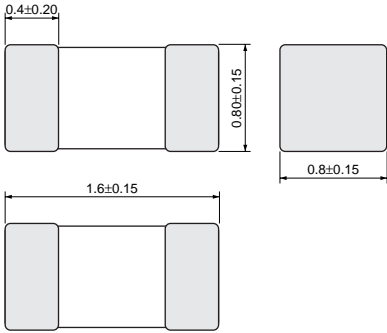
LQM18P-**FR** Series (0603 Size)

LQM18P_FR

Thickness 0.95 max.	Ferrite Core Shield	Flow OK	Reflow OK	New
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Low DC Resistance Type

■ Dimensions

(in mm)

■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	4000
B	Bulk(Bag)	1000

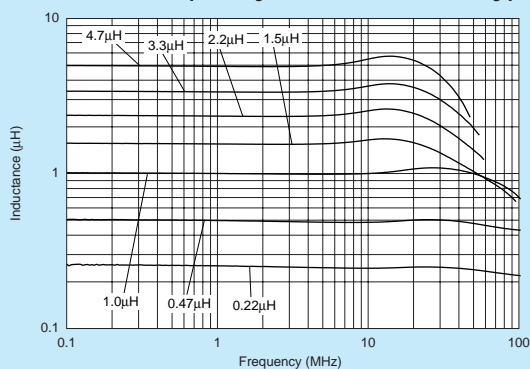
Refer to pages from p.80 to p.83 for mounting information.

■ Rated Value (□: packaging code)

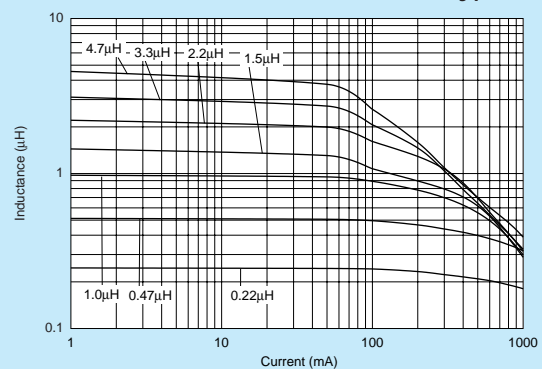
Part Number	Inductance	Rated Current	DC Resistance	Self Resonance Frequency (min.)	
LQM18PNR22NFR□	0.22μH±30%	1250mA	0.11ohm ±25%	100MHz	New Kit
LQM18PNR47NFR□	0.47μH±30%	1100mA	0.15ohm ±25%	100MHz	New Kit
LQM18PN1R0MFR□	1.0μH±20%	950mA	0.20ohm ±25%	100MHz	New Kit
LQM18PN1R5MFR□	1.5μH±20%	800mA	0.23ohm ±25%	100MHz	New Kit
LQM18PN2R2MFR□	2.2μH±20%	750mA	0.30ohm ±25%	70MHz	New Kit
LQM18PN3R3MFR□	3.3μH±20%	700mA	0.35ohm ±25%	60MHz	New Kit
LQM18PN4R7MFR□	4.7μH±20%	620mA	0.44ohm ±25%	40MHz	New Kit

Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of ferrite Operating Temperature Range: -40°C to +85°C

■ Inductance-Frequency Characteristics (Typ.)



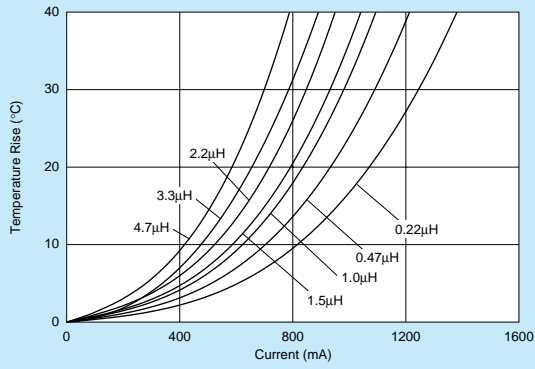
■ Inductance-Current Characteristics (Typ.)



Continued on the following page.

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■ Temperature Rise Characteristics (Typ.)



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