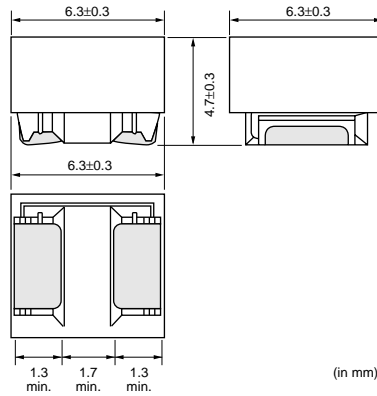


# LQH66S Series (2525 Size)



## 2525 Size, Closed Magnetic Circuit

### ■ Dimensions



### ■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	350
K	330mm Embossed Tape	1500

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

### ■ Rated Value (□: packaging code)

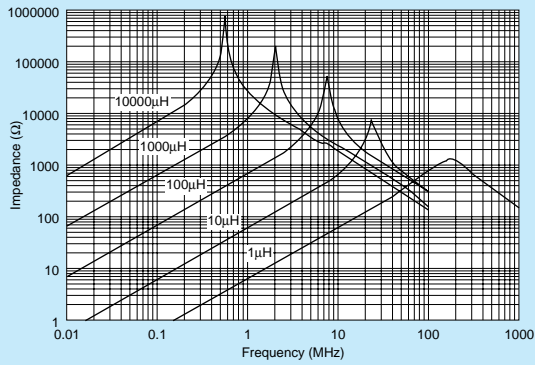
Part Number	Inductance	Test Frequency	Rated Current	DC Resistance	Self Resonance Frequency (min.)
LQH66SNR27M03□	0.27μH±20%	1MHz	6000mA	0.007ohm±40%	300MHz
LQH66SNR68M03□	0.68μH±20%	1MHz	5300mA	0.010ohm±40%	180MHz
LQH66SN1R0M03□	1.0μH±20%	1MHz	4700mA	0.013ohm±40%	150MHz
LQH66SN1R5M03□	1.5μH±20%	1MHz	3800mA	0.016ohm±40%	110MHz
LQH66SN2R2M03□	2.2μH±20%	1MHz	3300mA	0.019ohm±40%	80MHz
LQH66SN3R3M03□	3.3μH±20%	1MHz	2600mA	0.022ohm±40%	40MHz
LQH66SN4R7M03□	4.7μH±20%	1MHz	2200mA	0.025ohm±40%	30MHz
LQH66SN6R8M03□	6.8μH±20%	1MHz	1800mA	0.029ohm±40%	25MHz
LQH66SN100M03□	10μH±20%	1MHz	1600mA	0.036ohm±40%	20MHz
LQH66SN150M03□	15μH±20%	1MHz	1300mA	0.069ohm±40%	17MHz
LQH66SN220M03□	22μH±20%	1MHz	1100mA	0.087ohm±40%	15MHz
LQH66SN330M03□	33μH±20%	1MHz	860mA	0.14ohm±40%	12MHz
LQH66SN470M03□	47μH±20%	1MHz	760mA	0.17ohm±40%	10MHz
LQH66SN680M03□	68μH±20%	1MHz	600mA	0.29ohm±40%	7.6MHz
LQH66SN101M03□	100μH±20%	100kHz	520mA	0.36ohm±40%	6.5MHz
LQH66SN151M03□	150μH±20%	100kHz	420mA	0.63ohm±40%	5.0MHz
LQH66SN221M03□	220μH±20%	100kHz	350mA	0.79ohm±40%	4.0MHz
LQH66SN331M03□	330μH±20%	100kHz	280mA	1.8ohm±40%	3.2MHz
LQH66SN471M03□	470μH±20%	100kHz	240mA	2.2ohm±40%	2.5MHz
LQH66SN681M03□	680μH±20%	100kHz	200mA	3.9ohm±40%	2.0MHz
LQH66SN102M03□	1000μH±20%	10kHz	160mA	4.9ohm±40%	1.7MHz
LQH66SN222M03□	2200μH±20%	10kHz	100mA	9.4ohm±40%	1.2MHz
LQH66SN472M03□	4700μH±20%	10kHz	70mA	19.5ohm±40%	0.8MHz
LQH66SN103M03□	10000μH±20%	10kHz	50mA	39.7ohm±40%	0.5MHz

Class of Magnetic Shield: Magnetic shield of ferrite    Operating Temperature Range: -40°C to +80°C  
Only for reflow soldering.

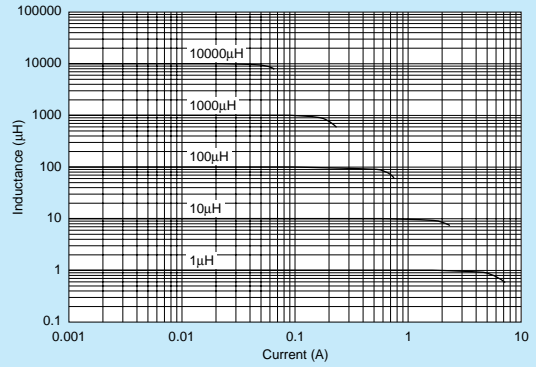
Continued on the following page.

△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.

■ Impedance-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)



Wire Wound Magnetic Type for Choke  
Inductor for Power Lines (Power Inductor)

Inductor for Low Frequency Circuits

RF Inductor

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