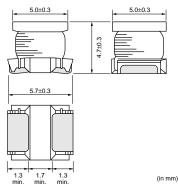
Inductors (Coils) > Chip Inductor (Chip Coil) > Power Inductor (Wire Wound Type for Choke)

Data Sheet

# Chip Inductor (Chip Coil) Power Inductor (Wire Wound Type for Choke)

## LQH55D Series (2220 Size)

#### Dimensions



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

### ■ Rated Value (□: packaging code)

Part Number	Inductance	Test Frequency	Rated Current	DC Resistance	Self Resonance Frequency (min.)
LQH55DNR12M03	0.12μH±20%	1MHz	6000mA	0.007ohm±40%	450MHz
LQH55DNR27M03	0.27µH±20%	1MHz	5300mA	0.010ohm±40%	300MHz
LQH55DNR47M03	0.47µH±20%	1MHz	4800mA	0.013ohm±40%	200MHz
LQH55DN1R0M03	1.0μH±20%	1MHz	4000mA	0.019ohm±40%	150MHz
LQH55DN1R5M03	1.5μH±20%	1MHz	3700mA	0.022ohm±40%	110MHz
LQH55DN2R2M03	2.2μH±20%	1MHz	3200mA	0.029ohm±40%	80MHz
LQH55DN3R3M03	3.3μH±20%	1MHz	2900mA	0.036ohm±40%	40MHz
LQH55DN4R7M03	4.7μH±20%	1MHz	2700mA	0.041ohm±40%	30MHz
LQH55DN6R8M03	6.8μH±20%	1MHz	2000mA	0.074ohm±40%	25MHz
LQH55DN100M03	10μH±20%	1MHz	1700mA	0.093ohm±40%	20MHz
LQH55DN150M03	15μH±20%	1MHz	1400mA	0.15ohm±40%	17MHz
LQH55DN220M03	22µH±20%	1MHz	1200mA	0.19ohm±40%	15MHz
LQH55DN330M03	33µH±20%	1MHz	900mA	0.32ohm±40%	12MHz
LQH55DN470M03	47μH±20%	1MHz	800mA	0.40ohm±40%	10MHz
LQH55DN680M03	68μH±20%	1MHz	640mA	0.67ohm±40%	7.6MHz
LQH55DN101M03	100µH±20%	100kHz	560mA	0.860hm±40%	6.5MHz
LQH55DN151M03	150µH±20%	100kHz	420mA	1.90hm±40%	5.0MHz
LQH55DN221M03	220µH±20%	100kHz	320mA	2.40hm±40%	4.0MHz
LQH55DN331M03	330µH±20%	100kHz	270mA	4.40hm±40%	3.1MHz
LQH55DN471M03	470μH±20%	100kHz	240mA	5.40hm±40%	2.4MHz
LQH55DN681M03	680μH±20%	100kHz	190mA	8.1ohm±40%	1.9MHz
LQH55DN102M03	1000µH±20%	10kHz	150mA	10.30hm±40%	1.7MHz
LQH55DN222M03	2200µH±20%	10kHz	100mA	21.5ohm±40%	1.2MHz
LQH55DN472M03	4700μH±20%	10kHz	70mA	43.6ohm±40%	0.8MHz

Class of Magnetic Shield: No magnetic shield Operating Temperature Range: -40°C to +80°C

Continued on the following page.

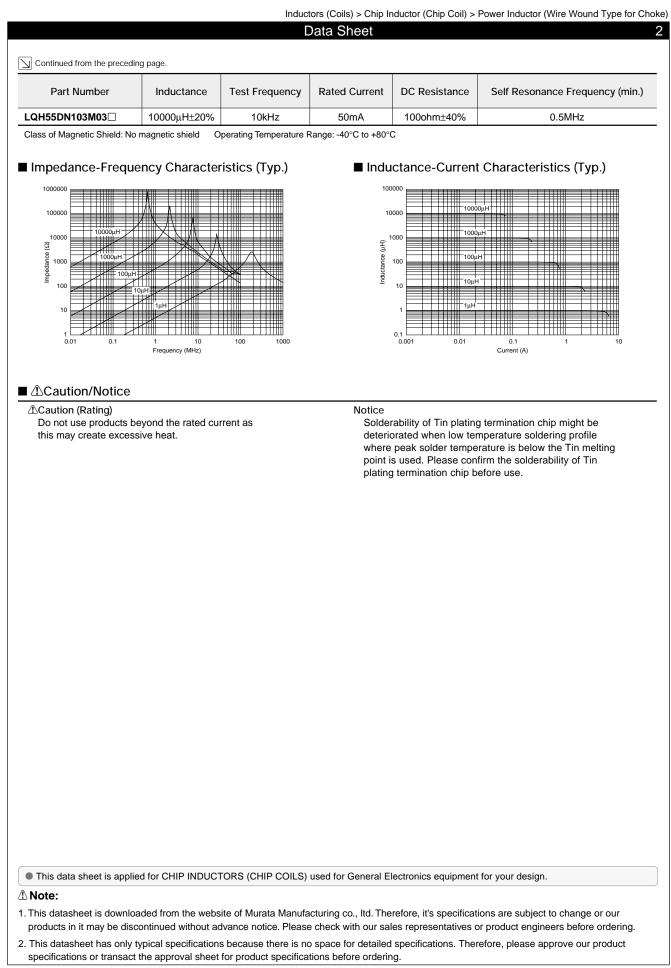
• This data sheet is applied for CHIP INDUCTORS (CHIP COILS) used for General Electronics equipment for your design.

#### A Note:

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