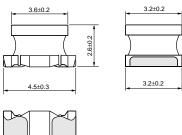
Inductors (Coils) > Chip Inductor (Chip Coil) > Power Inductor (Wire Wound Type for Choke)

Data Sheet

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

LQH43C Series (1812 Size)

Dimensions



(in mm)

Packaging								
	Code	Packaging	Minimum Quantity					
	L	180mm Embossed Tape	500					

■ Rated Value (□: packaging code)

1.0min. 1.0min. 1.0mi

Part Number	Inductance	Test Frequency	Rated Current	Max. of DC resistance	Self Resonance Frequency (min.)
LQH43CN1R0M03	1.0µH±20%	1MHz	1080mA	0.08ohm	100MHz
LQH43CN1R5M03	1.5μH±20%	1MHz	1000mA	0.09ohm	85MHz
LQH43CN2R2M03	2.2μH±20%	1MHz	900mA	0.11ohm	60MHz
LQH43CN3R3M03	3.3μH±20%	1MHz	800mA	0.13ohm	47MHz
LQH43CN4R7M03	4.7μH±20%	1MHz	750mA	0.15ohm	35MHz
LQH43CN6R8M03	6.8μH±20%	1MHz	720mA	0.20ohm	30MHz
LQH43CN100K03	10µH±10%	1MHz	650mA	0.24ohm	23MHz
LQH43CN150K03	15µH±10%	1MHz	570mA	0.32ohm	20MHz
LQH43CN220K03	22µH±10%	1MHz	420mA	0.6ohm	15MHz
LQH43CN330K03	33µH±10%	1MHz	310mA	1.0ohm	12MHz
LQH43CN470K03	47µH±10%	1MHz	280mA	1.1ohm	10MHz
LQH43CN680K03	68µH±10%	1MHz	220mA	1.7ohm	8.4MHz
LQH43CN101K03	100µH±10%	1MHz	190mA	2.2ohm	6.8MHz
LQH43CN151K03	150µH±10%	1MHz	130mA	3.5ohm	5.5MHz
LQH43CN221K03	220µH±10%	1MHz	110mA	4.0ohm	4.5MHz
LQH43CN331K03	330µH±10%	1MHz	100mA	6.8ohm	3.6MHz
LQH43CN471K03	470µH±10%	1kHz	90mA	8.5ohm	3.0MHz

Class of Magnetic Shield: No magnetic shield Operating Temperature Range: -40°C to +85°C

Continued on the following page.

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

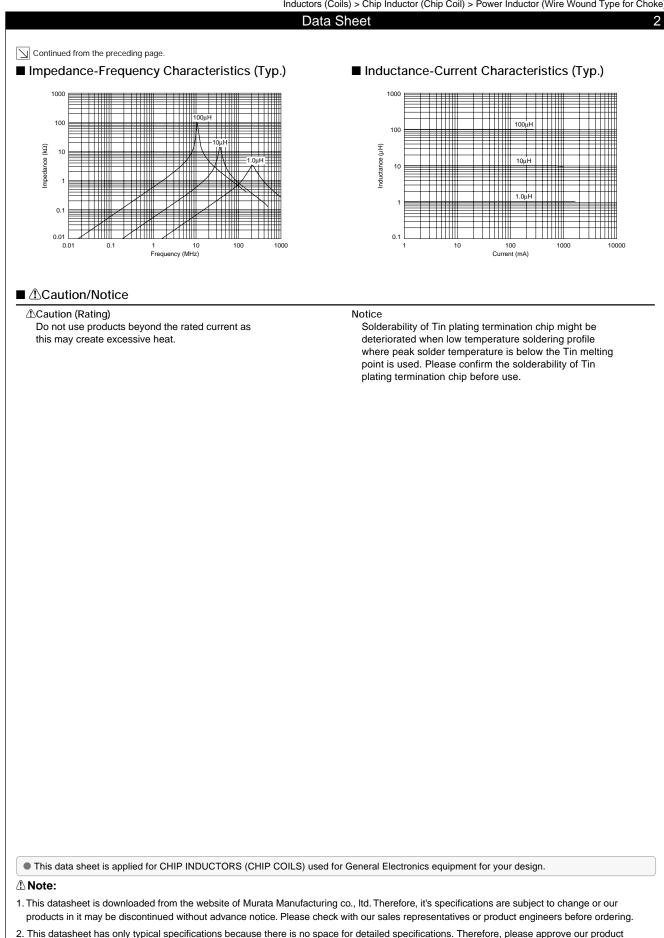
[∆]Note:

1. This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.



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