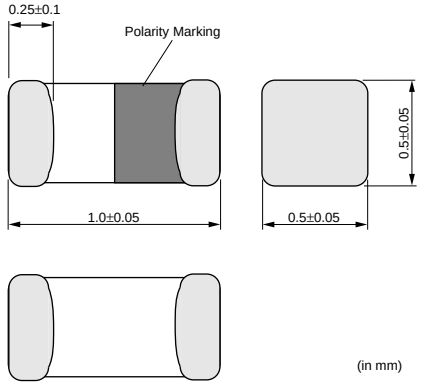
此商品编号的参数规格是： LQG15HS1N0S02D/0402 编带
1nH ±0.3nH

Chip Inductor (Chip Coil) for High Frequency Multilayer Type

LQG15HS Series (0402 Size)

■ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (☐: packaging code)

Part Number	Inductance	Test Frequency	Rated Current	Max. of DC resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)
LQG15HS1N0S02☐	1.0nH±0.3nH	100MHz	300mA	0.07ohm	8	100MHz	10000MHz
LQG15HS1N1S02☐	1.1nH±0.3nH	100MHz	300mA	0.09ohm	8	100MHz	6000MHz
LQG15HS1N2S02☐	1.2nH±0.3nH	100MHz	300mA	0.09ohm	8	100MHz	6000MHz
LQG15HS1N3S02☐	1.3nH±0.3nH	100MHz	300mA	0.09ohm	8	100MHz	6000MHz
LQG15HS1N5S02☐	1.5nH±0.3nH	100MHz	300mA	0.1ohm	8	100MHz	6000MHz
LQG15HS1N6S02☐	1.6nH±0.3nH	100MHz	300mA	0.1ohm	8	100MHz	6000MHz
LQG15HS1N8S02☐	1.8nH±0.3nH	100MHz	300mA	0.1ohm	8	100MHz	6000MHz
LQG15HS2N0S02☐	2.0nH±0.3nH	100MHz	300mA	0.1ohm	8	100MHz	6000MHz
LQG15HS2N2S02☐	2.2nH±0.3nH	100MHz	300mA	0.12ohm	8	100MHz	6000MHz
LQG15HS2N4S02☐	2.4nH±0.3nH	100MHz	300mA	0.15ohm	8	100MHz	6000MHz
LQG15HS2N7S02☐	2.7nH±0.3nH	100MHz	300mA	0.15ohm	8	100MHz	6000MHz
LQG15HS3N0S02☐	3.0nH±0.3nH	100MHz	300mA	0.17ohm	8	100MHz	6000MHz
LQG15HS3N3S02☐	3.3nH±0.3nH	100MHz	300mA	0.17ohm	8	100MHz	6000MHz
LQG15HS3N6S02☐	3.6nH±0.3nH	100MHz	300mA	0.18ohm	8	100MHz	6000MHz
LQG15HS3N9S02☐	3.9nH±0.3nH	100MHz	300mA	0.18ohm	8	100MHz	6000MHz
LQG15HS4N3S02☐	4.3nH±0.3nH	100MHz	300mA	0.18ohm	8	100MHz	6000MHz
LQG15HS4N7S02☐	4.7nH±0.3nH	100MHz	300mA	0.18ohm	8	100MHz	6000MHz
LQG15HS5N1S02☐	5.1nH±0.3nH	100MHz	300mA	0.2ohm	8	100MHz	5300MHz
LQG15HS5N6S02☐	5.6nH±0.3nH	100MHz	300mA	0.2ohm	8	100MHz	4500MHz
LQG15HS6N2S02☐	6.2nH±0.3nH	100MHz	300mA	0.22ohm	8	100MHz	4500MHz
LQG15HS6N8J02☐	6.8nH±5%	100MHz	300mA	0.24ohm	8	100MHz	4500MHz
LQG15HS7N5J02☐	7.5nH±5%	100MHz	300mA	0.24ohm	8	100MHz	4200MHz
LQG15HS8N2J02☐	8.2nH±5%	100MHz	300mA	0.24ohm	8	100MHz	3700MHz

Operating Temperature Range: -55°C to +125°C
Only for reflow soldering.

Continued on the following page.

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

⚠Note:

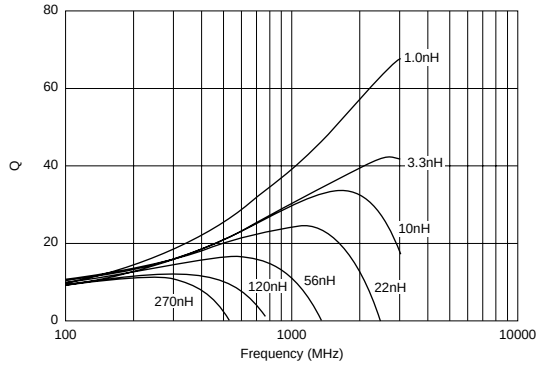
1. This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet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

Continued from the preceding page.

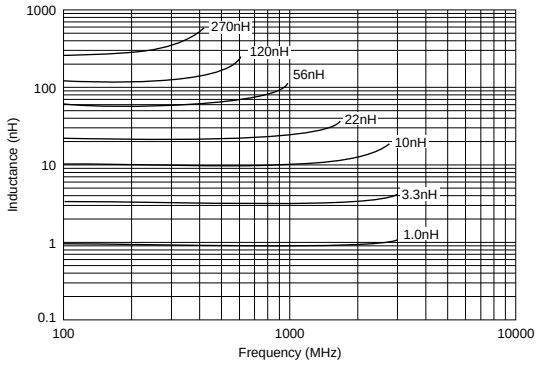
Part Number	Inductance	Test Frequency	Rated Current	Max. of DC resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)
LQG15HS9N1J02□	9.1nH±5%	100MHz	300mA	0.26ohm	8	100MHz	3400MHz
LQG15HS10NJ02□	10nH±5%	100MHz	300mA	0.26ohm	8	100MHz	3400MHz
LQG15HS12NJ02□	12nH±5%	100MHz	300mA	0.28ohm	8	100MHz	3000MHz
LQG15HS15NJ02□	15nH±5%	100MHz	300mA	0.32ohm	8	100MHz	2500MHz
LQG15HS18NJ02□	18nH±5%	100MHz	300mA	0.36ohm	8	100MHz	2200MHz
LQG15HS22NJ02□	22nH±5%	100MHz	300mA	0.42ohm	8	100MHz	1900MHz
LQG15HS27NJ02□	27nH±5%	100MHz	300mA	0.46ohm	8	100MHz	1700MHz
LQG15HS33NJ02□	33nH±5%	100MHz	200mA	0.58ohm	8	100MHz	1600MHz
LQG15HS39NJ02□	39nH±5%	100MHz	200mA	0.65ohm	8	100MHz	1200MHz
LQG15HS47NJ02□	47nH±5%	100MHz	200mA	0.72ohm	8	100MHz	1000MHz
LQG15HS56NJ02□	56nH±5%	100MHz	200mA	0.82ohm	8	100MHz	800MHz
LQG15HS68NJ02□	68nH±5%	100MHz	180mA	0.92ohm	8	100MHz	800MHz
LQG15HS82NJ02□	82nH±5%	100MHz	150mA	1.2ohm	8	100MHz	700MHz
LQG15HSR10J02□	100nH±5%	100MHz	150mA	1.25ohm	8	100MHz	600MHz
LQG15HSR12J02□	120nH±5%	100MHz	150mA	1.3ohm	8	100MHz	600MHz
LQG15HSR15J02□	150nH±5%	100MHz	140mA	2.99ohm	8	100MHz	550MHz
LQG15HSR18J02□	180nH±5%	100MHz	130mA	3.38ohm	8	100MHz	500MHz
LQG15HSR22J02□	220nH±5%	100MHz	120mA	3.77ohm	8	100MHz	450MHz
LQG15HSR27J02□	270nH±5%	100MHz	110mA	4.94ohm	8	100MHz	400MHz

Operating Temperature Range: -55°C to +125°C
Only for reflow soldering.

■ Q-Frequency Characteristics (Typ.)



■ Inductance-Frequency Characteristics (Typ.)



■ ⚠Caution/Notice

⚠Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat.

Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

● 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.

muRata Murata Manufacturing Co., Ltd.
http://www.murata.com/