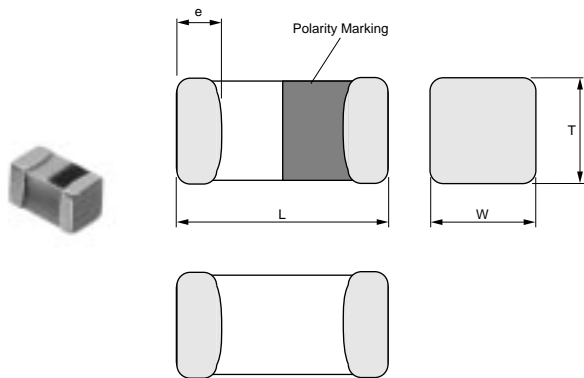


Chip Coils for High Frequency Monolithic Type

LQG18H Series

● LQG18H Series



Part Number	Dimensions (mm)			
	L	W	T	e
LQG18HN	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

Part Number	Inductance	Test Frequency	Rated Current	Max. of DC Resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)
LQG18HN1N2S00	1.2nH ±0.3nH	100MHz	500mA	0.10ohm	12	100MHz	6000MHz
LQG18HN1N5S00	1.5nH ±0.3nH	100MHz	500mA	0.10ohm	12	100MHz	6000MHz
LQG18HN1N8S00	1.8nH ±0.3nH	100MHz	500mA	0.10ohm	12	100MHz	6000MHz
LQG18HN2N2S00	2.2nH ±0.3nH	100MHz	500mA	0.10ohm	12	100MHz	6000MHz
LQG18HN2N7S00	2.7nH ±0.3nH	100MHz	500mA	0.15ohm	12	100MHz	6000MHz
LQG18HN3N3S00	3.3nH ±0.3nH	100MHz	500mA	0.15ohm	12	100MHz	6000MHz
LQG18HN3N9S00	3.9nH ±0.3nH	100MHz	450mA	0.15ohm	12	100MHz	6000MHz
LQG18HN4N7S00	4.7nH ±0.3nH	100MHz	450mA	0.20ohm	12	100MHz	6000MHz
LQG18HN5N6S00	5.6nH ±0.3nH	100MHz	430mA	0.20ohm	12	100MHz	5000MHz
LQG18HN6N8J00	6.8nH ±5%	100MHz	430mA	0.25ohm	12	100MHz	5000MHz
LQG18HN8N2J00	8.2nH ±5%	100MHz	400mA	0.25ohm	12	100MHz	4000MHz
LQG18HN10NJ00	10nH ±5%	100MHz	400mA	0.30ohm	12	100MHz	3500MHz
LQG18HN12NJ00	12nH ±5%	100MHz	400mA	0.35ohm	12	100MHz	3000MHz
LQG18HN15NJ00	15nH ±5%	100MHz	350mA	0.40ohm	12	100MHz	2800MHz
LQG18HN18NJ00	18nH ±5%	100MHz	350mA	0.45ohm	12	100MHz	2600MHz
LQG18HN22NJ00	22nH ±5%	100MHz	300mA	0.50ohm	12	100MHz	2300MHz
LQG18HN27NJ00	27nH ±5%	100MHz	300mA	0.55ohm	12	100MHz	2000MHz
LQG18HN33NJ00	33nH ±5%	100MHz	300mA	0.60ohm	12	100MHz	1700MHz
LQG18HN39NJ00	39nH ±5%	100MHz	300mA	0.65ohm	12	100MHz	1500MHz
LQG18HN47NJ00	47nH ±5%	100MHz	300mA	0.70ohm	12	100MHz	1200MHz
LQG18HN56NJ00	56nH ±5%	100MHz	300mA	0.75ohm	12	100MHz	1100MHz
LQG18HN68NJ00	68nH ±5%	100MHz	300mA	0.80ohm	12	100MHz	1000MHz
LQG18HN82NJ00	82nH ±5%	100MHz	300mA	0.85ohm	12	100MHz	900MHz
LQG18HNR10J00	100nH ±5%	100MHz	300mA	0.90ohm	12	100MHz	800MHz

Operating Temperature Range: -40 to +85°C

Storage Temperature Range: -55 to +125°C

△Note • This catalog 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. Especially, please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
• You are able to read a detailed specifications in the website (<http://search.murata.co.jp/>) before to require our product specifications or to transact the approval sheet for product specifications.