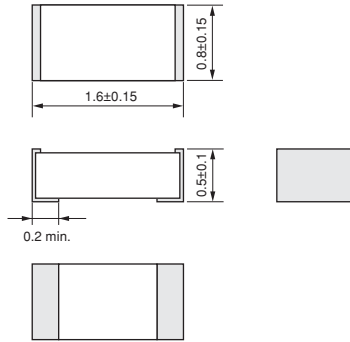


LQP18MN_02

Series 0603/1608 (inch/mm)

Size Code 0603 (1608) in inch (in mm), Film Type

Appearance/Dimensions



(in mm)

Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Taping	4000
J	ø330mm Paper Taping	10000
B	Packing in Bulk	500



Refer to pages 227 to 230 for mounting information.

Rated Value (□: packaging code)

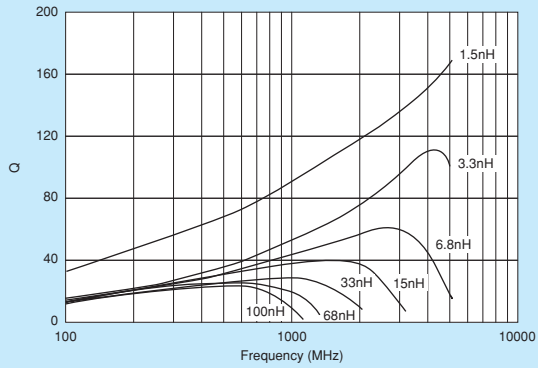
Part Number	Inductance	Inductance Test Frequency	Rated Current	Max. of DC Resistance	Q (min.)	Q Test Frequency	Self-Resonance Frequency (min.)
LQP18MN1N3C02□	1.3nH ±0.2nH	500MHz	300mA	0.3Ω	17	500MHz	6000MHz
LQP18MN1N5C02□	1.5nH ±0.2nH	500MHz	300mA	0.3Ω	17	500MHz	6000MHz
LQP18MN1N8C02□	1.8nH ±0.2nH	500MHz	250mA	0.4Ω	17	500MHz	6000MHz
LQP18MN2N2C02□	2.2nH ±0.2nH	500MHz	250mA	0.4Ω	17	500MHz	6000MHz
LQP18MN2N7C02□	2.7nH ±0.2nH	500MHz	250mA	0.4Ω	17	500MHz	6000MHz
LQP18MN3N3C02□	3.3nH ±0.2nH	500MHz	250mA	0.4Ω	17	500MHz	6000MHz
LQP18MN3N9C02□	3.9nH ±0.2nH	500MHz	200mA	0.5Ω	17	500MHz	5900MHz
LQP18MN4N7C02□	4.7nH ±0.2nH	500MHz	200mA	0.5Ω	17	500MHz	5200MHz
LQP18MN5N6C02□	5.6nH ±0.2nH	500MHz	200mA	0.6Ω	17	500MHz	4700MHz
LQP18MN6N8C02□	6.8nH ±0.2nH	500MHz	200mA	0.7Ω	17	500MHz	4300MHz
LQP18MN8N2C02□	8.2nH ±0.2nH	500MHz	150mA	0.8Ω	17	500MHz	3600MHz
LQP18MN10NG02□	10nH ±2%	500MHz	150mA	1.0Ω	17	500MHz	3400MHz
LQP18MN12NG02□	12nH ±2%	500MHz	150mA	1.0Ω	17	500MHz	3000MHz
LQP18MN15NG02□	15nH ±2%	500MHz	150mA	1.3Ω	17	500MHz	2700MHz
LQP18MN18NG02□	18nH ±2%	500MHz	100mA	1.5Ω	17	500MHz	2300MHz
LQP18MN22NG02□	22nH ±2%	500MHz	100mA	1.9Ω	17	500MHz	2100MHz
LQP18MN27NG02□	27nH ±2%	500MHz	100mA	2.4Ω	17	500MHz	1900MHz
LQP18MN33NG02□	33nH ±2%	500MHz	100mA	2.8Ω	17	500MHz	1700MHz
LQP18MN39NG02□	39nH ±2%	500MHz	100mA	2.8Ω	17	500MHz	1400MHz
LQP18MN47NG02□	47nH ±2%	300MHz	100mA	2.2Ω	17	300MHz	1200MHz
LQP18MN56NG02□	56nH ±2%	300MHz	50mA	3.4Ω	17	300MHz	1000MHz
LQP18MN68NG02□	68nH ±2%	300MHz	50mA	3.5Ω	17	300MHz	900MHz
LQP18MN82NG02□	82nH ±2%	300MHz	50mA	4.6Ω	17	300MHz	800MHz
LQP18MNR10G02□	100nH ±2%	300MHz	50mA	6.1Ω	17	300MHz	700MHz

Operating Temperature Range (Self-temperature rise is not included): -40°C~+85°C
For reflow soldering only.

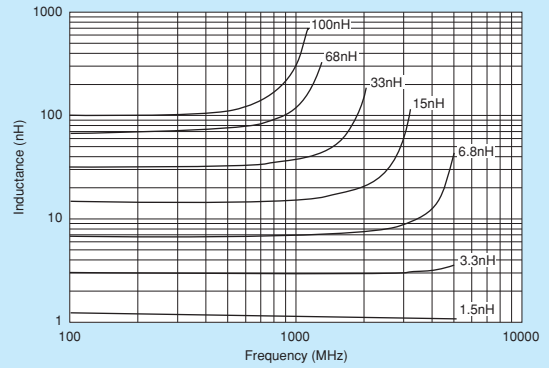
Continued on the following page.

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. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

■ Q-Frequency Characteristics (Typ.)



■ Inductance-Frequency Characteristics (Typ.)



⚠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. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.