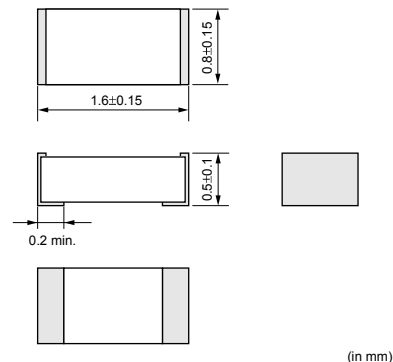


LQP18M Series

■ Features

1. Tight inductance tolerance (+0.2nH, +-2%) realized by Murata's original film technology. Various inductance values enable assembly with no tuning.
2. Small size of LQP18M series is suitable for small hand held equipment, especially for card size equipment.
3. High Q at high frequency range.
4. High self resonant frequency due to low stray capacitance and narrow inductance distribution provides stable inductance in high frequency circuits such as telecommunication equipment.
5. LQP18M_02: Does not contain lead.



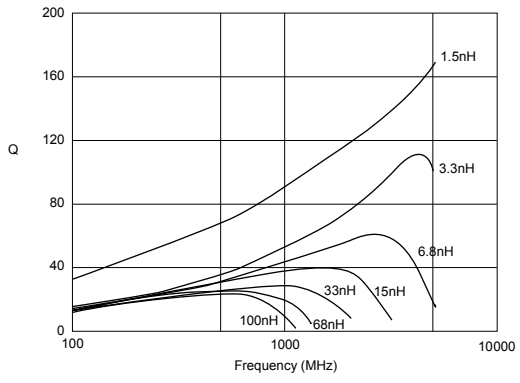
■ Applications

1. High frequency circuits of mobile phones such as PA, ANT, VCO, SAW, etc.
2. Mobile phones such as GSM, CDMA, PDC, etc.
3. "Bluetooth"
4. W-LAN
5. High frequency circuits in general

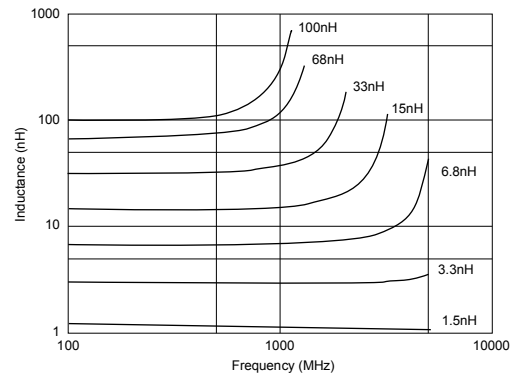
Part Number	Inductance (nH)	Test Frequency (MHz)	Rated Current (mA)	DC Resistance (ohm)	Q (min.)	Test Frequency (MHz)	Self Resonance Frequency (MHz)	EIA
LQP18MN1N3C02	1.3 ±0.2nH	500	300	0.3 max.	17	500	6000 min.	0603
LQP18MN1N5C02	1.5 ±0.2nH	500	300	0.3 max.	17	500	6000 min.	0603
LQP18MN1N8C02	1.8 ±0.2nH	500	250	0.4 max.	17	500	6000 min.	0603
LQP18MN2N2C02	2.2 ±0.2nH	500	250	0.4 max.	17	500	6000 min.	0603
LQP18MN2N7C02	2.7 ±0.2nH	500	250	0.4 max.	17	500	6000 min.	0603
LQP18MN3N3C02	3.3 ±0.2nH	500	250	0.4 max.	17	500	6000 min.	0603
LQP18MN3N9C02	3.9 ±0.2nH	500	200	0.5 max.	17	500	5900 min.	0603
LQP18MN4N7C02	4.7 ±0.2nH	500	200	0.5 max.	17	500	5200 min.	0603
LQP18MN5N6C02	5.6 ±0.2nH	500	200	0.6 max.	17	500	4700 min.	0603
LQP18MN6N8C02	6.8 ±0.2nH	500	200	0.7 max.	17	500	4300 min.	0603
LQP18MN8N2C02	8.2 ±0.2nH	500	150	0.8 max.	17	500	3600 min.	0603
LQP18MN10NG02	10 ±2%	500	150	1.0 max.	17	500	3400 min.	0603
LQP18MN12NG02	12 ±2%	500	150	1.0 max.	17	500	3000 min.	0603
LQP18MN15NG02	15 ±2%	500	150	1.3 max.	17	500	2700 min.	0603
LQP18MN18NG02	18 ±2%	500	100	1.5 max.	17	500	2300 min.	0603
LQP18MN22NG02	22 ±2%	500	100	1.9 max.	17	500	2100 min.	0603
LQP18MN27NG02	27 ±2%	500	100	2.4 max.	17	500	1900 min.	0603
LQP18MN33NG02	33 ±2%	500	100	2.8 max.	17	500	1700 min.	0603
LQP18MN39NG02	39 ±2%	500	100	2.8 max.	17	500	1400 min.	0603
LQP18MN47NG02	47 ±2%	300	100	2.2 max.	17	300	1200 min.	0603
LQP18MN56NG02	56 ±2%	300	50	3.4 max.	17	300	1000 min.	0603
LQP18MN68NG02	68 ±2%	300	50	3.5 max.	17	300	900 min.	0603
LQP18MN82NG02	82 ±2%	300	50	4.6 max.	17	300	800 min.	0603
LQP18MNR10G02	100 ±2%	300	50	6.1 max.	17	300	700 min.	0603

Operating Temp. Range : -40°C to +85°C

■ Q-Frequency Characteristics



■ Inductance-Frequency Characteristics



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