

LQP15T Series

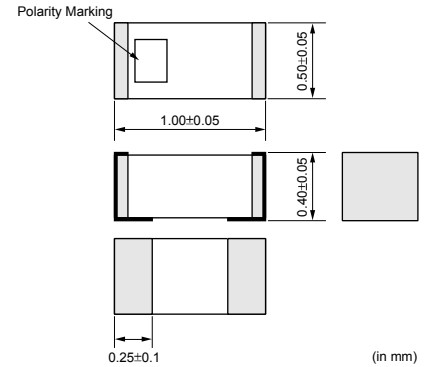
The LQP15T series offers High Q value, tight inductance tolerance with small/thin package using Murata's original film engineering technology.

■ Features

1. High Q value
2. Tight inductance tolerance (+-0.1nH, +-0.2nH, +-3%)
3. Ultra small and tight size (1005size, Height 0.4mm)
4. Low DC resistance
5. Lead is not contained in the products.

■ Applications

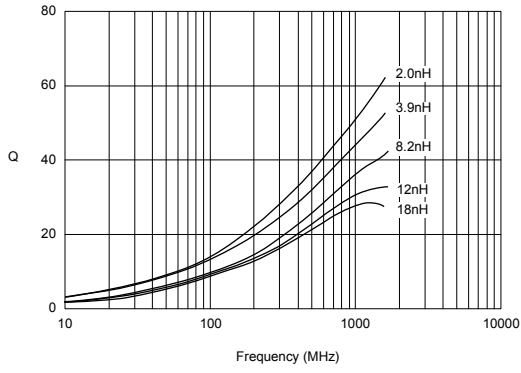
1. High frequency circuits of mobile phones such as PA, ANT, VCO, SAW, etc.
2. Mobile phones such as GSM, CDMA, PDC, etc.
3. "Bluetooth"
4. W-LAN
5. High frequency circuits in general



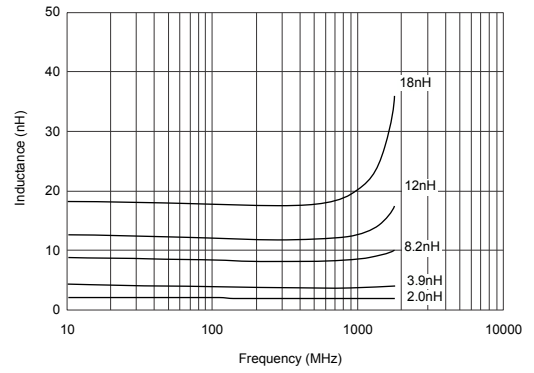
Part Number	Inductance (nH)	Test Frequency (MHz)	Rated Current (mA)	DC Resistance (ohm)	Q (min.)	Test Frequency (MHz)	Self Resonance Frequency (MHz)	EIA
LQP15TN1N0B02	1.0 ±0.1nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N0C02	1.0 ±0.2nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N1B02	1.1 ±0.1nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N1C02	1.1 ±0.2nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N2B02	1.2 ±0.1nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N2C02	1.2 ±0.2nH	500	300	0.1 max.	17	500	6000 min.	0402
LQP15TN1N3B02	1.3 ±0.1nH	500	300	0.15 max.	17	500	6000 min.	0402
LQP15TN1N3C02	1.3 ±0.2nH	500	300	0.15 max.	17	500	6000 min.	0402
LQP15TN1N5B02	1.5 ±0.1nH	500	300	0.15 max.	17	500	6000 min.	0402
LQP15TN1N5C02	1.5 ±0.2nH	500	300	0.15 max.	17	500	6000 min.	0402
LQP15TN1N6B02	1.6 ±0.1nH	500	250	0.15 max.	17	500	6000 min.	0402
LQP15TN1N6C02	1.6 ±0.2nH	500	250	0.15 max.	17	500	6000 min.	0402
LQP15TN1N8B02	1.8 ±0.1nH	500	250	0.15 max.	17	500	6000 min.	0402
LQP15TN1N8C02	1.8 ±0.2nH	500	250	0.15 max.	17	500	6000 min.	0402
LQP15TN2N0C02	2.0 ±0.2nH	500	220	0.2 max.	17	500	6000 min.	0402
LQP15TN2N2C02	2.2 ±0.2nH	500	220	0.2 max.	17	500	6000 min.	0402
LQP15TN2N4C02	2.4 ±0.2nH	500	220	0.2 max.	17	500	6000 min.	0402
LQP15TN2N7C02	2.7 ±0.2nH	500	220	0.2 max.	17	500	6000 min.	0402
LQP15TN3N0C02	3.0 ±0.2nH	500	190	0.3 max.	17	500	5500 min.	0402
LQP15TN3N3C02	3.3 ±0.2nH	500	190	0.3 max.	17	500	5500 min.	0402
LQP15TN3N6C02	3.6 ±0.2nH	500	170	0.4 max.	17	500	5500 min.	0402
LQP15TN3N9C02	3.9 ±0.2nH	500	170	0.4 max.	17	500	5500 min.	0402
LQP15TN4N7C02	4.7 ±0.2nH	500	160	0.5 max.	17	500	5000 min.	0402
LQP15TN5N6C02	5.6 ±0.2nH	500	140	0.6 max.	17	500	4500 min.	0402
LQP15TN6N8H02	6.8 ±3%	500	130	0.7 max.	17	500	3500 min.	0402
LQP15TN8N2H02	8.2 ±3%	500	110	0.8 max.	17	500	3000 min.	0402
LQP15TN10NH02	10 ±3%	500	100	1.0 max.	17	500	2500 min.	0402
LQP15TN12NH02	12 ±3%	500	90	1.0 max.	17	500	2500 min.	0402
LQP15TN15NH02	15 ±3%	500	90	1.3 max.	17	500	2000 min.	0402
LQP15TN18NH02	18 ±3%	500	80	1.5 max.	17	500	1500 min.	0402

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

■ Q-Frequency Characteristics



■ Inductance-Frequency Characteristics



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