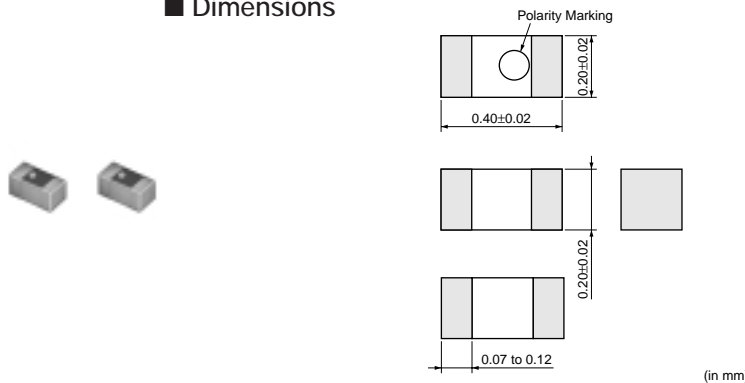




01005 Size

■ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	20000
B	Bulk(Bag)	500

Refer to pages from p.167 to p.170 for mounting information.

■ Rated Value (□: packaging code)

Part Number	Inductance	Test Frequency	Rated Current	Max. of DC Resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)	
LQP02TN0N4S02□	0.4nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN0N5S02□	0.5nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN0N6S02□	0.6nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN0N7S02□	0.7nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN0N8S02□	0.8nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN0N9S02□	0.9nH±0.3nH	500MHz	320mA	0.60ohm	8	500MHz	6000MHz	Kit
LQP02TN1N0S02□	1.0nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N1S02□	1.1nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N2S02□	1.2nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N3S02□	1.3nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N5S02□	1.5nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N6S02□	1.6nH±0.3nH	500MHz	220mA	0.90ohm	8	500MHz	6000MHz	Kit
LQP02TN1N8S02□	1.8nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN2N0S02□	2.0nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN2N2S02□	2.2nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN2N4S02□	2.4nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN2N7S02□	2.7nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN3N0S02□	3.0nH±0.3nH	500MHz	200mA	1.35ohm	8	500MHz	6000MHz	Kit
LQP02TN3N3S02□	3.3nH±0.3nH	500MHz	180mA	1.65ohm	8	500MHz	6000MHz	Kit
LQP02TN3N6S02□	3.6nH±0.3nH	500MHz	180mA	1.65ohm	8	500MHz	6000MHz	Kit
LQP02TN3N9S02□	3.9nH±0.3nH	500MHz	180mA	1.65ohm	8	500MHz	6000MHz	Kit
LQP02TN4N3S02□	4.3nH±0.3nH	500MHz	180mA	1.65ohm	8	500MHz	6000MHz	Kit
LQP02TN4N7S02□	4.7nH±0.3nH	500MHz	160mA	2.10ohm	8	500MHz	6000MHz	Kit
LQP02TN5N1S02□	5.1nH±0.3nH	500MHz	160mA	2.10ohm	8	500MHz	6000MHz	Kit
LQP02TN5N6S02□	5.6nH±0.3nH	500MHz	140mA	2.40ohm	8	500MHz	6000MHz	Kit
LQP02TN6N2J02□	6.2nH±5%	500MHz	140mA	2.40ohm	8	500MHz	5500MHz	Kit
LQP02TN6N8J02□	6.8nH±5%	500MHz	140mA	2.85ohm	8	500MHz	5500MHz	Kit
LQP02TN7N5J02□	7.5nH±5%	500MHz	140mA	2.85ohm	8	500MHz	4500MHz	Kit
LQP02TN8N2J02□	8.2nH±5%	500MHz	140mA	3.15ohm	8	500MHz	5000MHz	Kit
LQP02TN9N1J02□	9.1nH±5%	500MHz	140mA	3.15ohm	8	500MHz	4000MHz	Kit

Operating Temperature Range: -40°C to +85°C Only for reflow soldering.

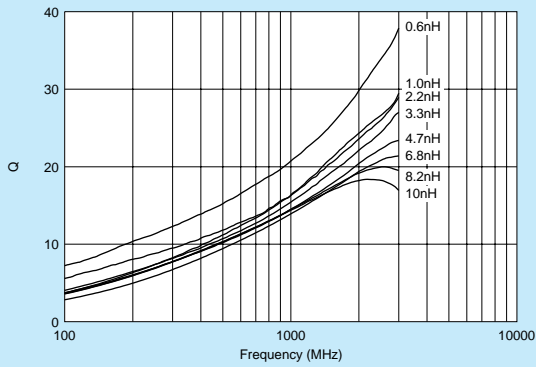
Continued on the following page.

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 • This catalog has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

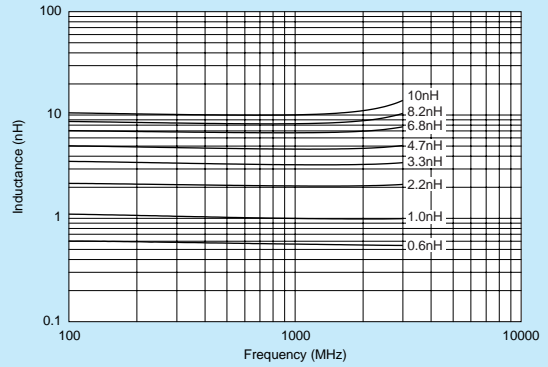
Part Number	Inductance	Test Frequency	Rated Current	Max. of DC Resistance	Q (min.)	Test Frequency	Self Resonance Frequency (min.)	
LQP02TN10NJ02□	10nH±5%	500MHz	140mA	3.60ohm	8	500MHz	4000MHz	Kit
LQP02TN12NJ02□	12nH±5%	500MHz	140mA	3.90ohm	7	500MHz	3500MHz	Kit
LQP02TN15NJ02□	15nH±5%	500MHz	140mA	4.35ohm	7	500MHz	3000MHz	Kit
LQP02TN18NJ02□	18nH±5%	500MHz	140mA	4.80ohm	7	500MHz	2500MHz	Kit

Operating Temperature Range: -40°C to +85°C Only for reflow soldering.

■ Q-Frequency Characteristics (Typ.)



■ Inductance-Frequency Characteristics (Typ.)



Continued on the following page.

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Reference Data

Part Number	Inductance (nH) (Typ.)					Q (Typ.)				
	800MHz	900MHz	1.8GHz	2.0GHz	2.4GHz	800MHz	900MHz	1.8GHz	2.0GHz	2.4GHz
LQP02TN0N4	0.4	0.4	0.4	0.4	0.4	15	16	26	28	30
LQP02TN0N5	0.5	0.5	0.5	0.5	0.5	15	16	24	26	28
LQP02TN0N6	0.6	0.6	0.6	0.6	0.6	15	16	24	26	28
LQP02TN0N7	0.7	0.7	0.7	0.7	0.7	15	15	23	24	26
LQP02TN0N8	0.8	0.8	0.8	0.8	0.8	14	15	23	24	26
LQP02TN0N9	0.9	0.9	0.9	0.9	0.9	14	15	23	24	26
LQP02TN1N0	1.0	1.0	1.0	1.0	1.0	14	15	23	24	26
LQP02TN1N1	1.1	1.1	1.1	1.1	1.1	14	15	23	24	26
LQP02TN1N2	1.2	1.2	1.2	1.2	1.2	14	15	23	24	26
LQP02TN1N3	1.3	1.3	1.3	1.3	1.3	14	15	23	24	26
LQP02TN1N5	1.5	1.5	1.5	1.5	1.5	14	15	23	24	26
LQP02TN1N6	1.6	1.6	1.6	1.6	1.6	14	15	23	24	26
LQP02TN1N8	1.8	1.8	1.8	1.8	1.8	14	15	23	24	26
LQP02TN2N0	2.0	2.0	2.0	2.0	2.0	14	15	22	23	25
LQP02TN2N2	2.2	2.2	2.2	2.2	2.2	14	15	22	23	25
LQP02TN2N4	2.4	2.4	2.4	2.4	2.4	14	15	22	23	25
LQP02TN2N7	2.7	2.7	2.7	2.7	2.7	14	15	22	23	25
LQP02TN3N0	3.0	3.0	3.0	3.0	3.0	13	14	21	22	23
LQP02TN3N3	3.3	3.3	3.3	3.3	3.3	13	14	21	22	24
LQP02TN3N6	3.6	3.6	3.6	3.6	3.6	13	14	20	21	23
LQP02TN3N9	3.9	3.9	3.9	3.9	3.9	13	14	20	21	23
LQP02TN4N3	4.3	4.3	4.3	4.3	4.3	13	14	19	20	22
LQP02TN4N7	4.7	4.7	4.7	4.7	4.8	13	14	19	20	22
LQP02TN5N1	5.1	5.1	5.0	5.1	5.2	13	14	18	19	21
LQP02TN5N6	5.6	5.6	5.6	5.7	5.9	13	14	18	19	21
LQP02TN6N2	6.2	6.2	6.1	6.2	6.3	13	14	18	19	21
LQP02TN6N8	6.8	6.8	6.9	7.0	7.2	13	14	18	19	21
LQP02TN7N5	7.5	7.5	7.4	7.5	7.9	13	14	18	19	20
LQP02TN8N2	8.2	8.2	8.6	8.8	9.3	13	14	18	19	20
LQP02TN9N1	9.1	9.2	9.7	9.7	10.0	13	14	18	19	20
LQP02TN10N	10	10	11	11	12	13	14	17	18	18
LQP02TN12N	13	13	14	15	16	13	14	17	18	18
LQP02TN15N	15	15	18	19	22	12	13	18	18	17
LQP02TN18N	18	18	23	25	31	12	12	14	12	11

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