Multilayer Chip Inductors
High Frequency

CLH/LCN Series

CLH Series

LCN Series

APPLICATIONS

High frequency circuits for portable telephones, PHS, Wireless communication, etc.

OUTLINE

Chilisin high frequency multilayer ceramic chip inductor is formed without wound wire.

Monolithic laminated structure.

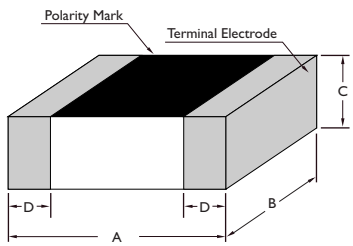
FEATURES

High Frequency

High Q

High IDC

SHAPES AND DIMENSIONS



Dimensions : mm

TYPE	REMARK	A	B	C	D
CLH1005	–	1.00 ± 0.15	0.50 ± 0.15	0.50 ± 0.15	0.25 ± 0.15
CLH1608	–	1.60 ± 0.20	0.80 ± 0.15	0.80 ± 0.15	0.40 ± 0.20
CLH2012	< 180nH	2.00 ± 0.20	1.25 ± 0.20	0.90 ± 0.20	0.50 ± 0.30
	≥180nH	2.00 ± 0.20	1.25 ± 0.20	1.20 ± 0.30	0.50 ± 0.30

ELECTRICAL CHARACTERISTICS CLH1005T SERIES

PART NO.	INDUCTANCE at 100MHz (nH)	TOLERANCE	Q Min. at 100MHz	Q TYPICAL		S.R.F TYPICAL (MHz)	RDC Max. (Ω)	IDC (mA)
				at 100MHz	at 800MHz			
CLH1005T-1N0□-S	1.0	S	8	9	28	6000	0.10	300
CLH1005T-1N2□-S	1.2	S	8	9	28	6000	0.10	300
CLH1005T-1N5□-S	1.5	S	8	10	28	6000	0.10	300
CLH1005T-1N8□-S	1.8	S	8	10	28	6000	0.10	300
CLH1005T-2N2□-S	2.2	S	8	10	29	6000	0.12	300
CLH1005T-2N7□-S	2.7	S	8	11	30	6000	0.12	300
CLH1005T-3N3□-S	3.3	S, K	8	11	30	5200	0.15	300
CLH1005T-3N9□-S	3.9	S, K	8	11	31	5150	0.15	300
CLH1005T-4N7□-S	4.7	S, K	8	11	31	4800	0.18	300
CLH1005T-5N6□-S	5.6	S, K	8	11	31	4100	0.20	300
CLH1005T-6N8□-S	6.8	J, K	8	11	33	3800	0.25	300
CLH1005T-8N2□-S	8.2	J, K	8	12	32	3500	0.25	300
CLH1005T-10N□-S	10	J, K	8	12	32	3300	0.30	300
CLH1005T-12N□-S	12	J, K	8	12	31	2600	0.30	300
CLH1005T-15N□-S	15	J, K	8	12	30	2300	0.40	300
CLH1005T-18N□-S	18	J, K	8	12	29	2050	0.50	300
CLH1005T-22N□-S	22	J, K	8	12	28	1900	0.60	300
CLH1005T-27N□-S	27	J, K	8	12	27	1700	0.70	300
CLH1005T-33N□-S	33	J, K	8	10	25	1550	1.50	200
CLH1005T-39N□-S	39	J, K	8	10	25	1450	1.80	200
CLH1005T-47N□-S	47	J, K	8	9	22	1300	2.00	200
CLH1005T-56N□-S	56	J, K	8	10	21	1250	2.00	200
68N□-S	68	J, K						
82N□-S	82	J, K						
R10□-S	100	J, K						
R12□-S	120	J, K						
R15□-S	150	J, K						
R18□-S	180	J, K						
R22□-S	220	J, K						
R27□-S	270	J, K						
R33□-S	330	J, K						
R39□-S	390	J, K						
R47□-S	470	J, K						

Note : Tolerance : □ – S = ±0.3nH J = ±5% K = ±10%

Test Conditions : L/Q – HP4291A Fixture – HP16193A

SRF – HP8753D

RDC – HP4338B

ELECTRICAL CHARACTERISTICS CLH1608T SERIES

PART NO.	INDUCTANCE at 100MHz (nH)	TOLERANCE	Q Min. at 100MHz	Q TYPICAL at 100MHz	Q TYPICAL at 800MHz	S.R.F TYPICAL (MHz)	RDC Max. (Ω)	IDC (mA)
CLH1608T-1N0□-S	1.0	S	10	12	50	6000	0.10	500
CLH1608T-1N2□-S	1.2	S	10	13	65	6000	0.10	500
CLH1608T-1N5□-S	1.5	S	10	13	47	6000	0.10	500
CLH1608T-1N8□-S	1.8	S	10	13	51	6000	0.10	500
CLH1608T-2N2□-S	2.2	S	11	13	46	6000	0.10	500
CLH1608T-2N7□-S	2.7	S	11	13	45	6000	0.10	500
CLH1608T-3N3□-S	3.3	S, K	11	13	51	5900	0.12	500
CLH1608T-3N9□-S	3.9	S, K	11	13	52	5600	0.14	500
CLH1608T-4N7□-S	4.7	S, K	11	13	41	4800	0.16	500
CLH1608T-5N6□-S	5.6	S, K	11	13	41	4350	0.18	500
CLH1608T-6N8□-S	6.8	J, K	11	13	44	3750	0.22	500
CLH1608T-8N2□-S	8.2	J, K	11	13	44	3300	0.24	500
CLH1608T-10N□-S	10	J, K	11	13	45	2850	0.26	400
CLH1608T-12N□-S	12	J, K	13	15	46	2500	0.28	400
CLH1608T-15N□-S	15	J, K	13	15	48	2150	0.32	400
CLH1608T-18N□-S	18	J, K	13	15	48	2100	0.35	400
CLH1608T-22N□-S	22	J, K	15	17	45	1850	0.40	400
CLH1608T-27N□-S	27	J, K	15	17	43	1680	0.45	400
CLH1608T-33N□-S	33	J, K	15	18	39	1580	0.55	400
CLH1608T-39N□-S	39	J, K	15	18	* 37	1400	0.60	300
CLH1608T-47N□-S	47	J, K	15	18	* 35	1200	0.70	300
CLH1608T-56N□-S	56	J, K	15	18	* 32	1100	0.75	300
CLH1608T-68N□-S	68	J, K	15	18	* 34	1050	0.85	300
CLH1608T-82N□-S	82	J, K	15	18	* 32	900	1.00	300
CLH1608T-R10□-S	100	J, K	15	18	* 20	850	1.20	300
CLH1608T-R12□-S	120	J, K	*** 8	*** 16	** 23	680	1.60	250
CLH1608T-R15□-S	150	J, K	*** 8	*** 14	** 23	620	2.00	250
CLH1608T-R18□-S	180	J, K	*** 8	*** 14	** 21	540	2.40	200
CLH1608T-R22□-S	220	J, K	*** 8	*** 13	** 20	450	2.80	200
R27□-S	270	J, K						
R33□-S	330	J, K						
R39□-S	390	J, K						
R47□-S	470	J, K						

Note : *** at 50MHz ** at 300MHz * at 500MHz

Tolerance : □ – S = ±0.3nH J = ±5% K = ±10%

Test Conditions : L/Q – HP4291A Fixture – HP16193A

SRF – HP8753D

RDC – HP4338B

ELECTRICAL CHARACTERISTICS CLH2012T SERIES

PART NO.	INDUCTANCE at 100MHz (nH)	TOLERANCE	Q Min. at 100MHz	Q TYPICAL at 100MHz	Q TYPICAL at 800MHz	S.R.F TYPICAL (MHz)	RDC Max. (Ω)	IDC (mA)
1N0□-S								
1N2□-S								
CLH2012T-1N5□-S	1.5	S	11	13	40	6000	0.10	500
CLH2012T-1N8□-S	1.8	S	11	13	45	6000	0.10	500
CLH2012T-2N2□-S	2.2	S	11	13	48	6000	0.10	500
CLH2012T-2N7□-S	2.7	S	11	13	40	6000	0.10	500
CLH2012T-3N3□-S	3.3	S, K	13	15	56	6000	0.13	500
CLH2012T-3N9□-S	3.9	S, K	13	15	54	5400	0.15	500
CLH2012T-4N7□-S	4.7	S, K	13	15	50	4500	0.20	500
CLH2012T-5N6□-S	5.6	S, K	13	15	53	4000	0.23	500
CLH2012T-6N8□-S	6.8	J, K	13	15	51	3650	0.25	500
CLH2012T-8N2□-S	8.2	J, K	13	15	53	3000	0.28	500
CLH2012T-10N□-S	10	J, K	14	16	45	2500	0.30	500
CLH2012T-12N□-S	12	J, K	14	16	48	2450	0.35	400
CLH2012T-15N□-S	15	J, K	15	17	48	2000	0.40	400
CLH2012T-18N□-S	18	J, K	15	17	43	1750	0.45	400
CLH2012T-22N□-S	22	J, K	15	17	47	1700	0.50	400
CLH2012T-27N□-S	27	J, K	16	18	38	1550	0.55	400
CLH2012T-33N□-S	33	J, K	17	19	35	1350	0.60	400
CLH2012T-39N□-S	39	J, K	19	21	40	1300	0.65	400
CLH2012T-47N□-S	47	J, K	19	21	38	1200	0.70	400
CLH2012T-56N□-S	56	J, K	16	21	31	1150	0.75	400
CLH2012T-68N□-S	68	J, K	19	21	28	1000	0.80	400
CLH2012T-82N□-S	82	J, K	20	22	16	850	0.90	400
CLH2012T-R10□-S	100	J, K	21	23		730	1.00	400
CLH2012T-R12□-S	* 120	J, K	* 13	22		650	1.20	300
CLH2012T-R15□-S	* 150	J, K	* 13	22		550	1.40	300
CLH2012T-R18□-S	* 180	J, K	* 13	23		500	1.60	300
CLH2012T-R22□-S	* 220	J, K	* 12	20		450	1.80	300
CLH2012T-R27□-S	* 270	J, K	* 12	20		400	2.00	300
CLH2012T-R33□-S	* 330	J, K	* 12	22		380	3.00	300
CLH2012T-R39□-S	* 390	J, K	* 10	17		330	3.50	300
CLH2012T-R47□-S	* 470	J, K	* 10	17		300	4.00	300

Note : * at 50MHz

Tolerance : □ – S = ±0.3nH J = ±5% K = ±10%

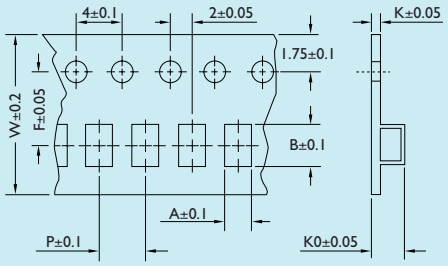
Test Conditions : L/Q – HP4291A Fixture – HP16193A

SRF – HP8753D

RDC – HP4338B

TAPE DIMENSIONS

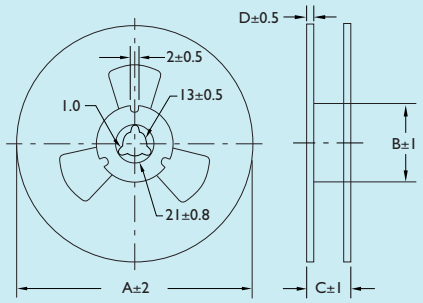
Dimensions : mm



TYPE		A	B	K0	W	P	F	K
CLH1005		0.65	1.15	0.6	8	2	3.5	0.6
CLH1608		1.1	1.9	0.95	8	4	3.5	0.95
CLH2012	< 180nH	1.42	2.25	1.04	8	4	3.5	0.22
	≥ 180nH	1.42	2.25	1.4	8	4	3.5	0.22

REEL DIMENSIONS

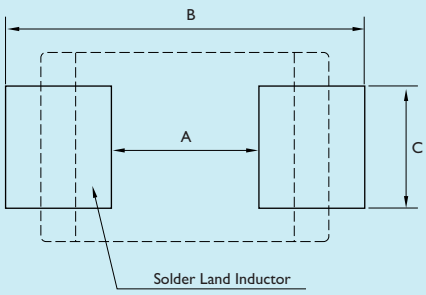
Dimensions : mm



TYPE		A	B	C	D
CLH1005		178	60	12	1.5
CLH1608		178	60	12	1.5
CLH2012	09	178	60	12	1.5
	12	178	60	12	1.5

RECOMMENDED PATTERN

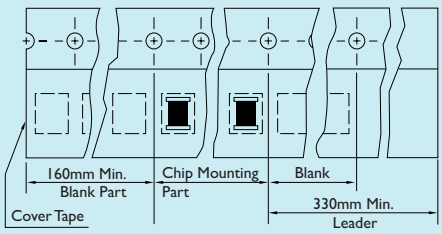
Dimensions : mm



TYPE		A	B	C
CLH1005		0.4	1.2 ~ 1.4	0.4
CLH1608		0.8	2.4 ~ 3.4	0.6
CLH2012	09	1.2	3.0 ~ 4.0	1.0
	12	1.2	3.0 ~ 4.0	1.0

TAPE MATERIAL

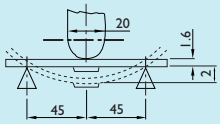
Carrier Tape : Polystyrene
Cover Type : Polyethyiene



PACKAGING QUANTITY

TYPE	BULK	CHIP/REEL
CLH100505	√	10000
CLH160808	√	4000
CLH201209	√	4000
CLH201212	√	3000

CLH SERIES RELIABILITY TEST

NO	ITEM	SPECIFICATION	TEST METHODS
1	Bending Strength	Appearance : No Damage L Change : Within ±10% Q Change : Within ±30% RDC Change : Within ±20%	Test Device shall be Soldered on the Substrate. Substrate Dimension : 95 x 23 x 1.5 mm Deflection : 2.0 mm Keeping Time : 30 Second
2	Vibration		Test Device shall be Soldered on the Substrate. Oscillation Frequency : 10 to 55 to 10Hz for 1Min Amplitude : 1.5 mm Time : 2 Hours for Each Axis (X, Y & Z), Total 6 Hours 
3	Resistance to Soldering Heat		Pre-heating : 150°C, 1 Min Solder Composition : Sn/Pn = 60/40 Solder Temperature : 260 ± 5°C Immersion Time : 10 ±1°C Measured after Exposure in the Room Condition for 24 Hours
4	Solderability	The electrodes shall be at least 90% covered with new solder coating.	Pre-heating : 150°C, 1 Min Solder Composition : Sn/Pn = 60/40 Solder Temperature : 230 ± 5°C Immersion Time : 4 ±1°C
5	Temperature Cycle	Appearance : No Damage L Change : Within ±10% Q Change : Within ± 30% RDC Change : Within ± 20%	**Step** / **Temperature (°C)** / **Time (Min.)** 1 / -55 ± 3 / 30 2 / 25 ± 2 / 3 3 / 125 ± 2 / 30 4 / 25 ± 2 / 3 Total : 100 Cycles Measured after Exposure in the Room Condition for 24 Hours
6	Humidity Resistance		Temperature : 40 ± 2°C Relative Humidity : 90 ~ 95% Time : 1000 Hours Measured after Exposure in the Room Condition for 24 Hours
7	Heat Life		Temperature : 125 ± 2°C Relative Humidity : 20% Applied Current : Rated Current Time : 1000 Hours Measured after Exposure in the Room Condition for 24 Hours
8	Cold Resistance		Temperature : -55 ± 3°C Time : 1000 Hours Measured after Exposure in the Room Condition for 24 Hours

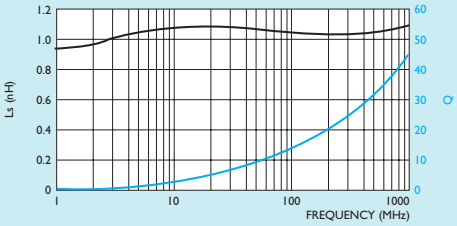
Storage Temperature : -55°C ~ 100°C

Operating Temperature : -40°C ~ 100°C

TYPICAL ELECTRICAL CHARACTERISTICS

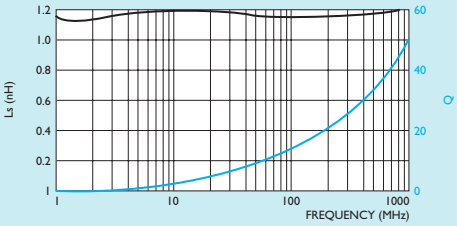
Test Instruments : HP4291A Impedance / Material Analyzer

CLH1005T-1N0S-S



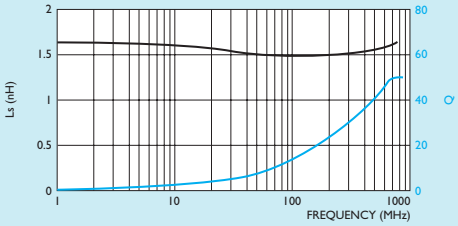
RDC: 0.10Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-1N2S-S



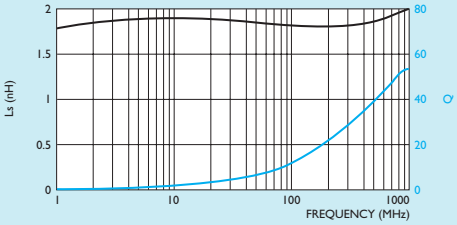
RDC: 0.10Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-1N5S-S



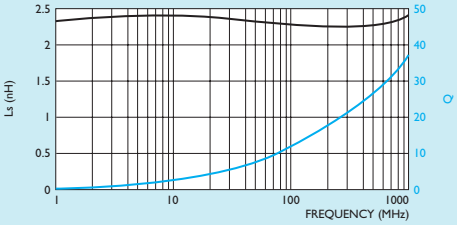
RDC: 0.10Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-1N8S-S



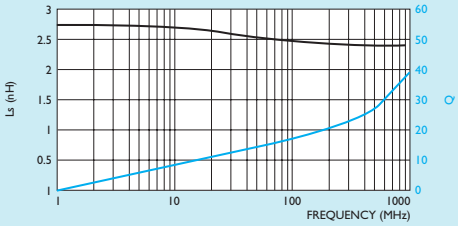
RDC: 0.10Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-2N2S-S



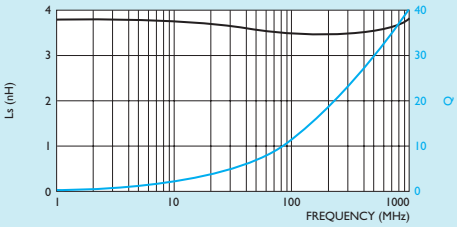
RDC: 0.12Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-2N7S-S



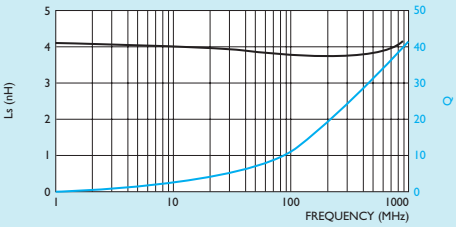
RDC: 0.12Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1005T-3N3S-S



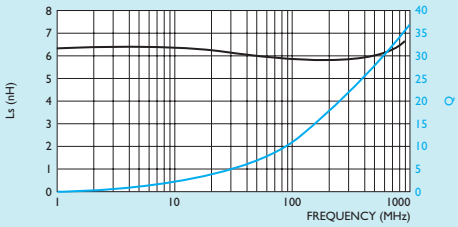
RDC: 0.15Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 5200MHz

CLH1005T-3N9S-S



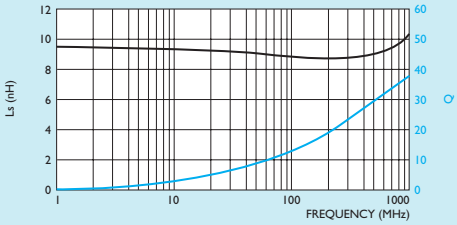
RDC: 0.15Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 5150MHz

CLH1005T-5N6J-S



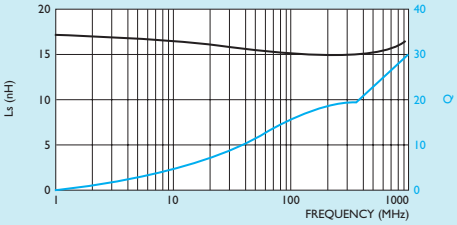
RDC: 0.20Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 4100MHz

CLH1005T-8N2J-S



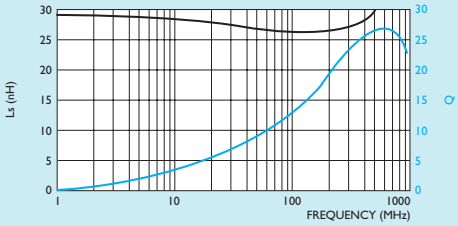
RDC: 0.25Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 3500MHz

CLH1005T-15NJ-S



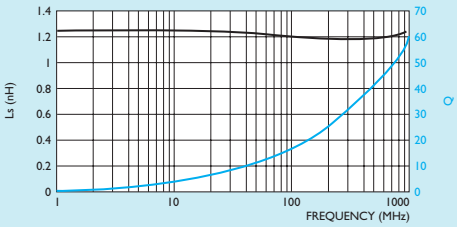
RDC: 0.40Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 2300MHz

CLH1005T-27NJ-S



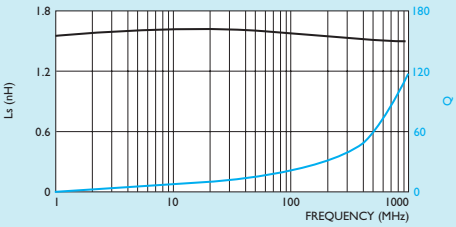
RDC: 0.70Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 1700MHz

CLH1608T-1N2S-S



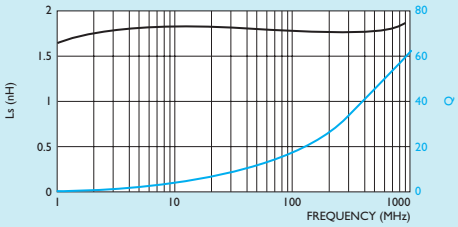
RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1608T-1N5S-S



RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1608T-1N8S-S

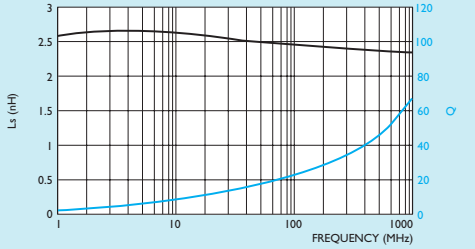


RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

TYPICAL ELECTRICAL CHARACTERISTICS

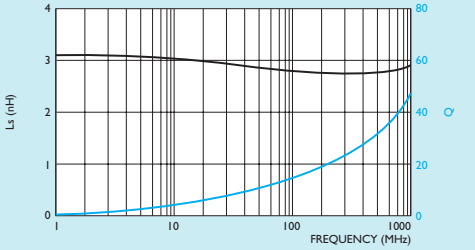
Test Instruments : HP4291A Impedance / Material Analyzer

CLH1608T-2N2S-S



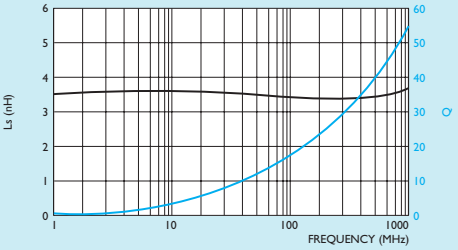
RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1608T-2N7S-S



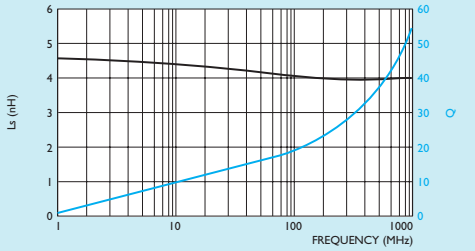
RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH1608T-3N3S-S



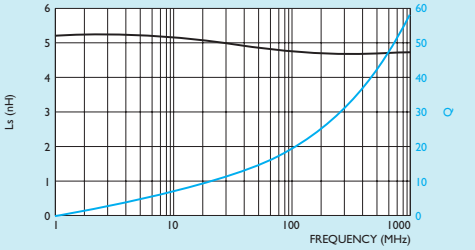
RDC: 0.12Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 5900MHz

CLH1608T-3N9S-S



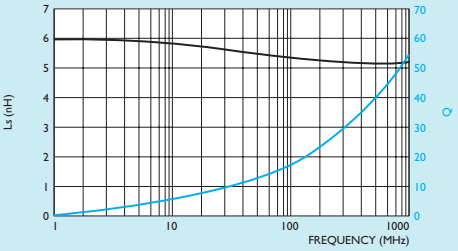
RDC: 0.14Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 5600MHz

CLH1608T-4N7S-S



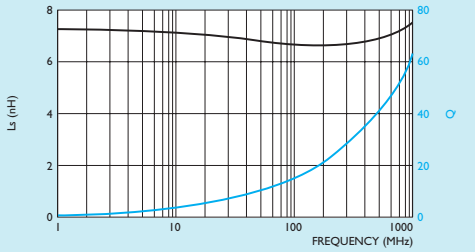
RDC: 0.16Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 4800MHz

CLH1608T-5N6J-S



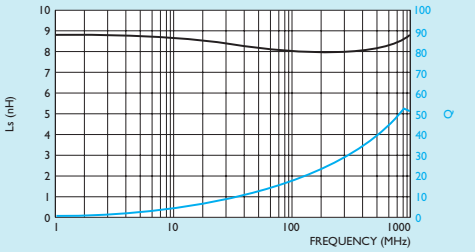
RDC: 0.18Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 4350MHz

CLH1608T-6N8J-S



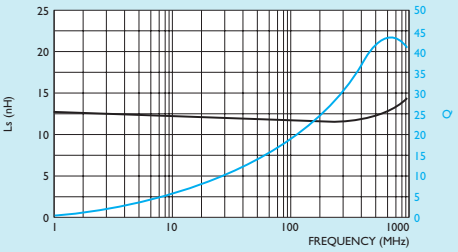
RDC: 0.22Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 3750MHz

CLH1608T-2N2J-S



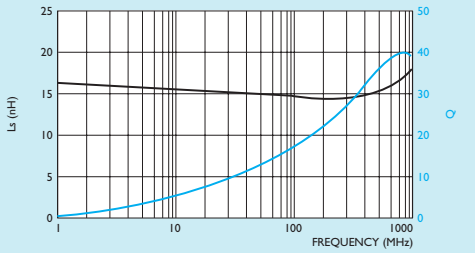
RDC: 0.24Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 3300MHz

CLH1608T-12NJ-S



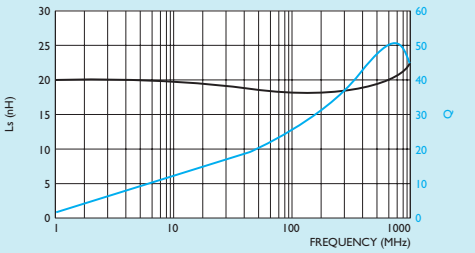
RDC: 0.28Ω IDC: 400mA Frequency: 100MHz OSC: 500mV SRF: 2500MHz

CLH1608T-15NJ-S



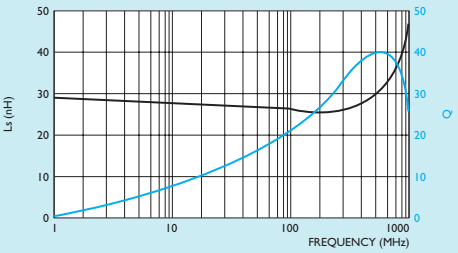
RDC: 0.32Ω IDC: 400mA Frequency: 100MHz OSC: 500mV SRF: 2150MHz

CLH1608T-18NJ-S



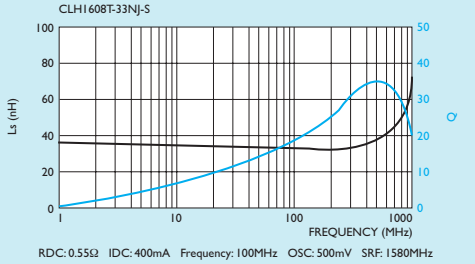
RDC: 0.35Ω IDC: 400mA Frequency: 100MHz OSC: 500mV SRF: 2100MHz

CLH1608T-27NJ-S



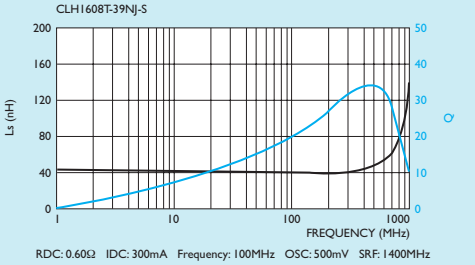
RDC: 0.45Ω IDC: 400mA Frequency: 100MHz OSC: 500mV SRF: 1680MHz

CLH1608T-33NJ-S



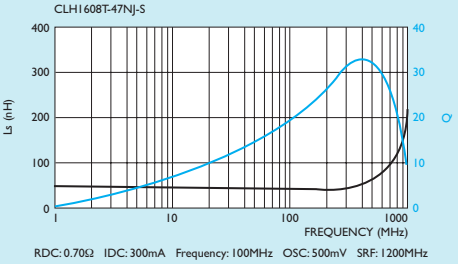
RDC: 0.55Ω IDC: 400mA Frequency: 100MHz OSC: 500mV SRF: 1580MHz

CLH1608T-39NJ-S



RDC: 0.60Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 1400MHz

CLH1608T-47NJ-S

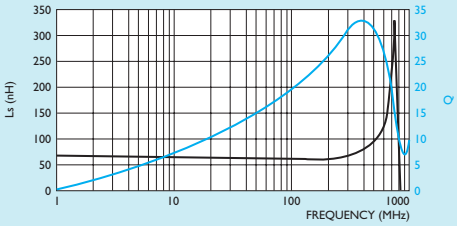


RDC: 0.70Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 1200MHz

TYPICAL ELECTRICAL CHARACTERISTICS

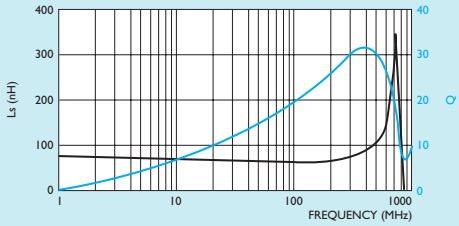
Test Instruments : HP4291A Impedance / Material Analyzer

CLH1608T-68NJ-S



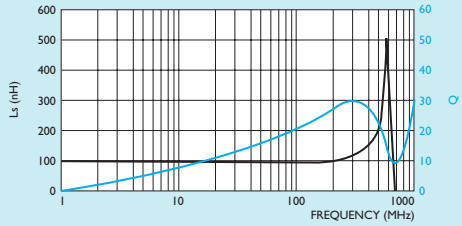
RDC: 0.85Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 1050MHz

CLH1608T-82NJ-S



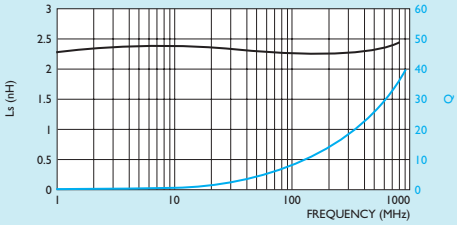
RDC: 1.00Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 900MHz

CLH1608T-R10J-S



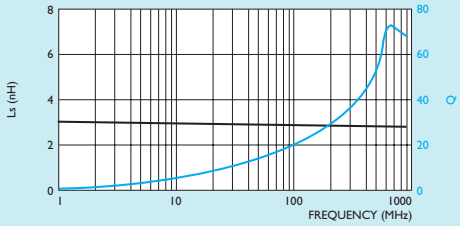
RDC: 1.20Ω IDC: 300mA Frequency: 100MHz OSC: 500mV SRF: 850MHz

CLH2012T-2N2S-S



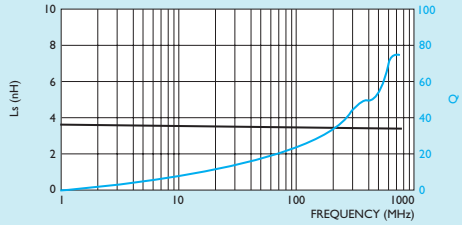
RDC: 0.10Ω IDC: 500mA Frequency: 100MHz SRF: 6000MHz

CLH2012T-2N7S-S



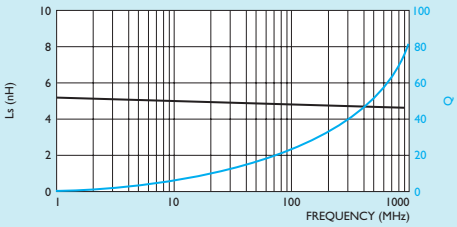
RDC: 0.10Ω IDC: 500mA Frequency: 100MHz OSC: 500mV SRF: 6000MHz

CLH2012T-3N3S-S



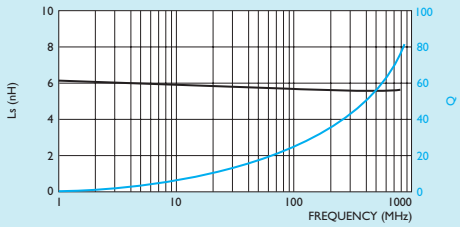
RDC: 0.13Ω IDC: 500mA Frequency: 100MHz SRF: 6000MHz

CLH2012T-4N7S-S



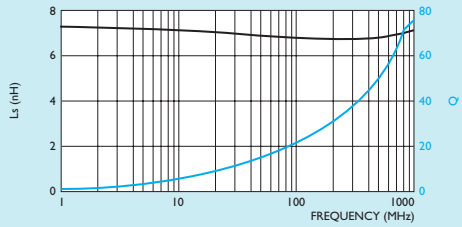
RDC: 0.20Ω IDC: 500mA Frequency: 100MHz SRF: 4500MHz

CLH2012T-5N6S-S



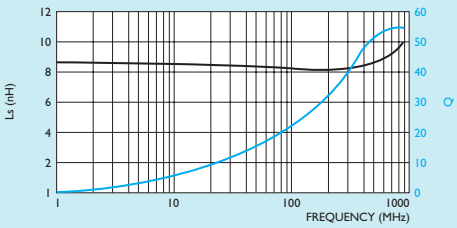
RDC: 0.23Ω IDC: 500mA Frequency: 100MHz SRF: 4000MHz

CLH2012T-6N8J-S



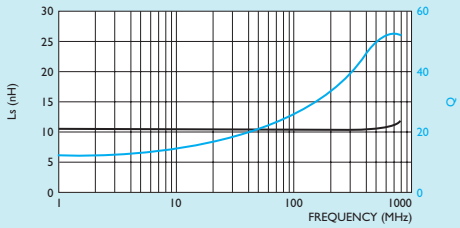
RDC: 0.25Ω IDC: 500mA Frequency: 100MHz SRF: 3650MHz

CLH2012T-8N2J-S



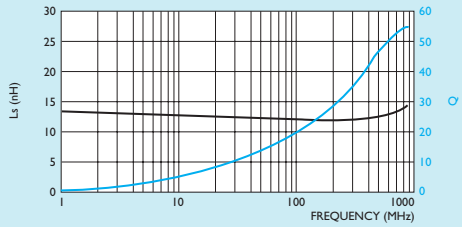
RDC: 0.28Ω IDC: 500mA Frequency: 100MHz SRF: 3000MHz

CLH2012T-10NJ-S



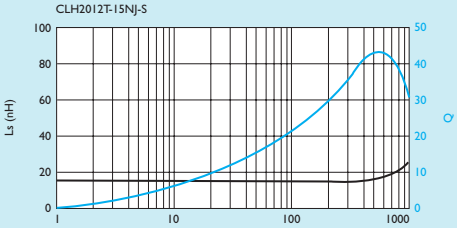
RDC: 0.30Ω IDC: 500mA Frequency: 100MH SRF: 2500MHz

CLH2012T-12NJ-S



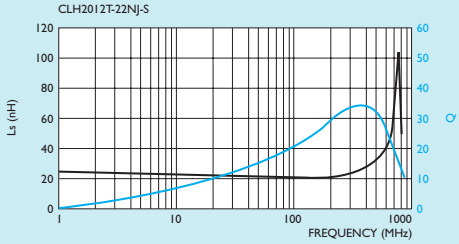
RDC: 0.35Ω IDC: 400mA Frequency: 100MHz SRF: 2450MHz

CLH2012T-15NJ-S



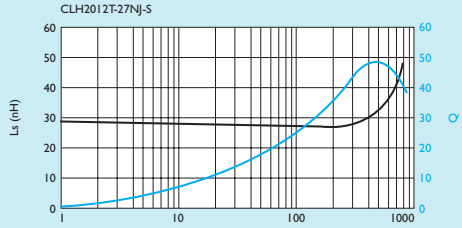
RDC: 0.40Ω IDC: 400mA Frequency: 100MHz SRF: 2000MHz

CLH2012T-22NJ-S



RDC: 0.50Ω IDC: 400mA Frequency: 100MHz SRF: 1700MHz

CLH2012T-27NJ-S

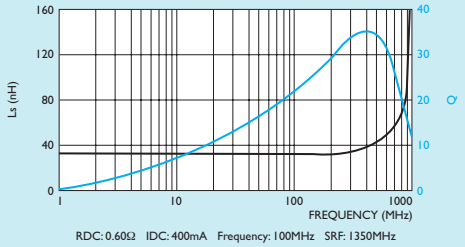


RDC: 0.55Ω IDC: 400mA Frequency: 100MHz SRF: 1550MHz

TYPICAL ELECTRICAL CHARACTERISTICS

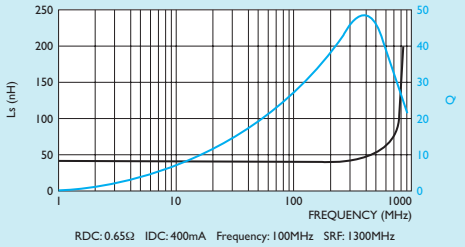
Test Instruments : HP4291A Impedance / Material Analyzer

CLH2012T-33NJ-S



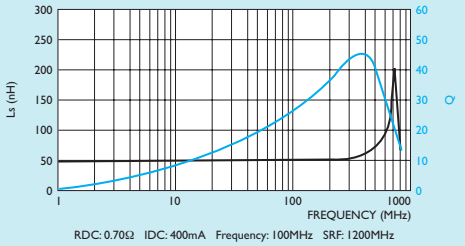
RDC: 0.60Ω IDC: 400mA Frequency: 100MHz SRF: 1350MHz

CLH2012T-39NJ-S



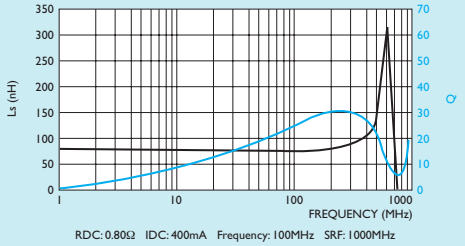
RDC: 0.65Ω IDC: 400mA Frequency: 100MHz SRF: 1300MHz

CLH2012T-47NJ-S



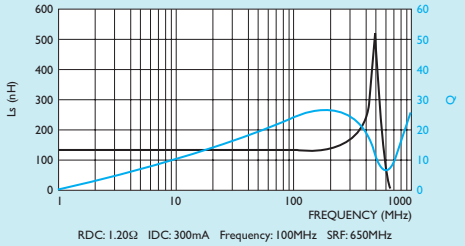
RDC: 0.70Ω IDC: 400mA Frequency: 100MHz SRF: 1200MHz

CLH2012T-68NJ-S



RDC: 0.80Ω IDC: 400mA Frequency: 100MHz SRF: 1000MHz

CLH2012T-R12J-S

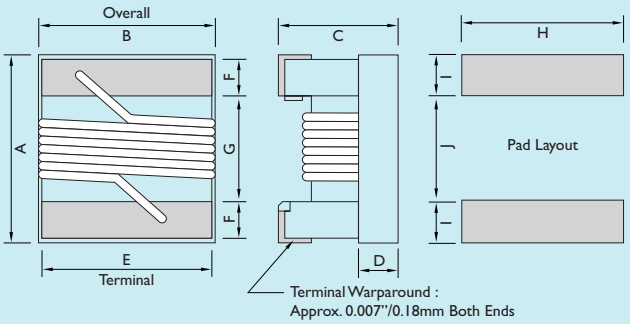


RDC: 1.20Ω IDC: 300mA Frequency: 100MHz SRF: 650MHz

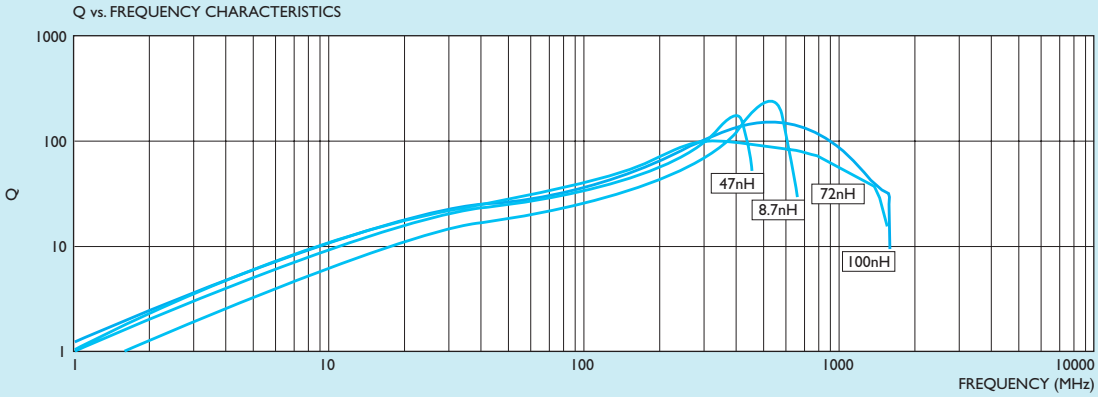
LCN0603 SERIES

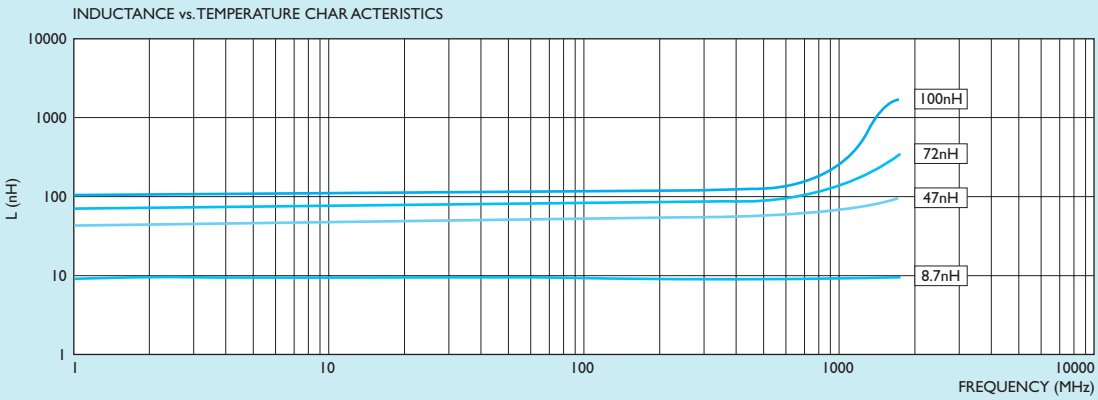
Ceramic body and wire wound construction provide highest SRFs available in 0603 size.

These ultra-compact inductors provided exceptional Q values, even at high frequencies.



UNIT	A Max.	B Max.	C Max.	D Ref.	E	F	G	H	I	J
in	0.071	0.044	0.040	0.015	0.030	0.013	0.034	0.040	0.025	0.025
mm	1.80	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64





WOUND CHIP INDUSTORS LCN0603 SERIES

PART NO.	INDUCTANCE (nH)	TOL. (%)	Q Min.	S.R.F Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)	900 MHz L TYPE	900 MHz Q TYPE	1.7 GHz L TYPE	1.7 GHz Q TYPE	COLOR
LCN0603T-1N6K-S	1.6@250 MHz	10	24	12500	0.030	700	1.67	49	1.65	63	Red
LCN0603T-1N8K-S	1.8@250 MHz	10	16	12500	0.045	700	1.63	35	1.66	50	Black
LCN0603T-3N6K-S	3.6@250 MHz	10	22	5900	0.063	700	3.72	53	3.71	65	Red
LCN0603T-3N9K-S	3.9@250 MHz	10	22	6900	0.080	700	3.95	49	3.96	67	Brown
LCN0603T-4N3K-S	4.3@250 MHz	10	22	5900	0.063	700	4.32	50	4.33	70	Orange
LCN0603T-4N7K-S	4.7@250 MHz	10	20	5800	0.116	700	4.72	47	4.75	57	Violet
LCN0603T-5N1K-S	5.1@250 MHz	10	20	5700	0.140	700	4.93	47	4.95	56	Green
LCN0603T-6N3K-S	6.3@250 MHz	10	20	5700	0.140	700	5.5	47	6.1	60	White
LCN0603T-6N8K-S	6.8@250 MHz	10	27	5800	0.110	700	6.75	60	7.1	81	Red
LCN0603T-7N5K-S	7.5@250 MHz	10	28	4800	0.106	700	7.70	60	7.82	65	Brown
LCN0603T-8N2J-S	8.2@250 MHz	10	28	4700	0.109	700	8.30	60	8.50	60	White
LCN0603T-8N7J-S	8.7@250 MHz	5	28	4600	0.109	700	8.86	62	9.32	58	Yellow
LCN0603T-9N5J-S	9.5@250 MHz	5	28	5400	0.135	700	9.70	59	9.92	61	Black
LCN0603T-10NJ-S	10@250 MHz	5	31	4800	0.130	700	10	66	10.6	83	Orange
LCN0603T-11NJ-S	11@250 MHz	5	33	4000	0.086	700	11	53	11.5	56	Gray
LCN0603T-12NJ-S	12@250 MHz	5	35	4000	0.130	700	12.3	72	13.5	83	Yellow
LCN0603T-15NJ-S	15@250 MHz	5	35	4000	0.170	700	15.4	64	16.8	89	Green
LCN0603T-16NJ-S	16@250 MHz	5	34	3300	0.104	700	16.2	55	17.3	52	White
LCN0603T-18NJ-S	18@250 MHz	5	35	3100	0.170	700	18.7	70	21.4	69	Black
LCN0603T-22NJ-S	22@250 MHz	5	38	3000	0.190	700	22.8	73	26.1	71	Violet
LCN0603T-24NJ-S	24@250 MHz	5	37	2650	0.135	700	24.5	45	28.7	39	Black
LCN0603T-27NJ-S	27@250 MHz	5	40	2800	0.220	600	29.2	74	34.6	65	Gray
LCN0603T-30NJ-S	30@250 MHz	5	37	2250	0.144	600	31.4	47	39.9	28	Brown
LCN0603T-33NJ-S	33@250 MHz	5	40	2300	0.220	600	36	67	49.5	42	White
LCN0603T-36NJ-S	36@250 MHz	5	38	2080	0.250	600	39.4	47	52.7	24	Red
LCN0603T-39NJ-S	39@250 MHz	5	40	2200	0.250	600	42.7	60	60.2	40	Black
LCN0603T-43NJ-S	43@250 MHz	5	39	2000	0.280	600	47	44	64.9	21	Orange
LCN0603T-47NJ-S	47@200 MHz	5	38	2000	0.280	600	52.2	62	77.2	35	Brown
LCN0603T-56NJ-S	56@200 MHz	5	38	1900	0.310	600	62.5	56	97	26	Red
LCN0603T-68NJ-S	68@200 MHz	5	37	1700	0.340	600	80.5	54	168	21	Orange
LCN0603T-72NJ-S	72@150 MHz	5	34	1700	0.490	400	82	53	135	20	Yellow
LCN0603T-82NJ-S	82@150 MHz	5	34	1700	0.540	400	96.2	54	177	21	Green
LCN0603T-R10J-S	100@150 MHz	5	34	1400	0.580	400	124	49			Black
LCN0603T-R11J-S	110@150 MHz	5	32	1350	0.610	300	138	43			Violet
LCN0603T-R12J-S	120@150 MHz	5	32	1300	0.650	300	166	39			Gray
LCN0603T-R15J-S	150@150 MHz	5	28	990	0.920	280	250	25			White
LCN0603T-R18J-S	180@100 MHz	5	25	990	1.250	240	305	22			Black
LCN0603T-R22J-S	220@100 MHz	5	25	900	1.900	200	480	8			Brown
LCN0603T-R27J-S	270@100 MHz	5	24	900	2.800	170	980	4			Red

When ordering, please specify tolerance and packaging codes.

Ex : LCN0603T-R12J-S Tolerance : G = ±2%, J = 5%, K = 10%, M = 20% Packaging : Clear Tape and Reel (Standard)

L : HP4191A Q, SRF : HP4291A

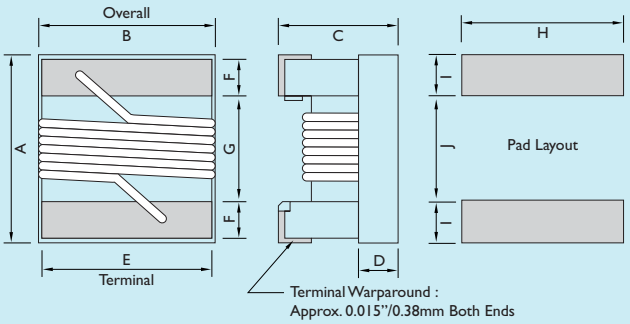
RDC : Digital Multimeter SC-7401 For 15°C Rise

Operating Temperature Range -40°C to 125°C

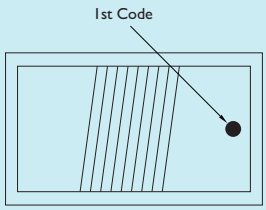
LCN0805 SERIES

Ceramic body and wire wound construction provide highest SRFs available in 0805 size.

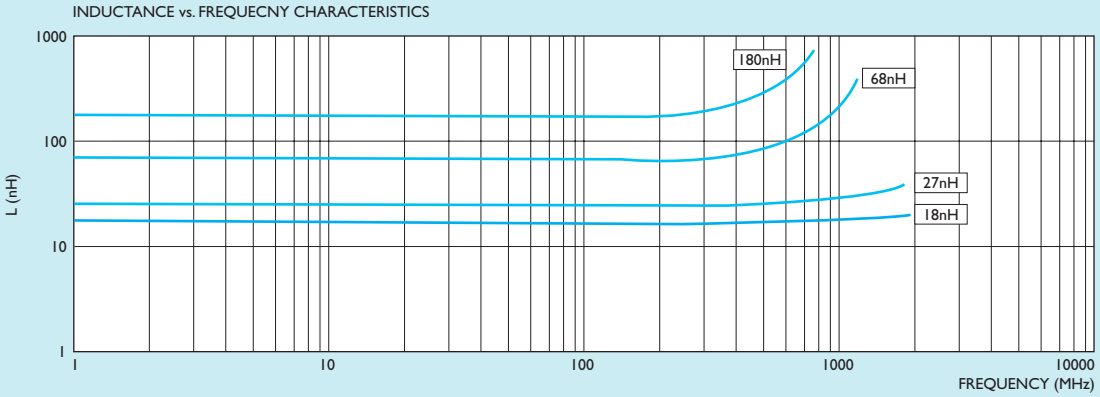
These ultra-compact inductors provided exceptional Q values, even at high frequencies.

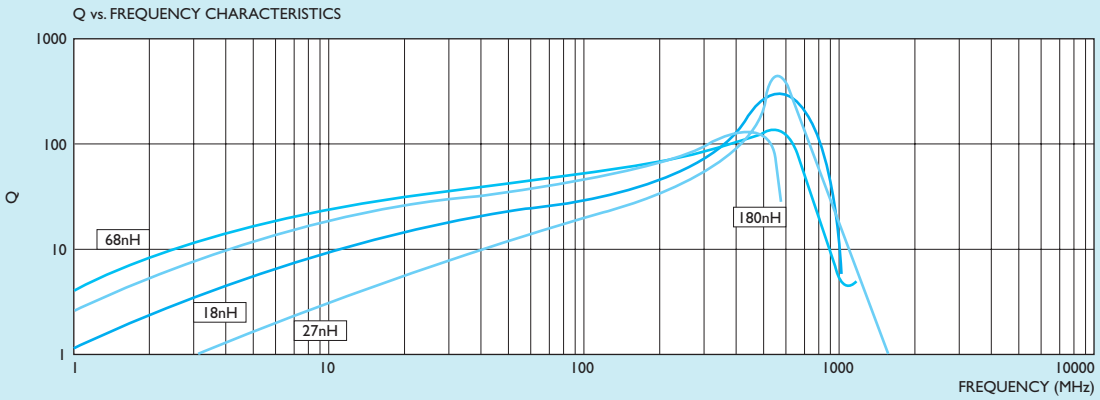


Color Coding



UNIT	A Max.	B Max.	C Max.	D Ref.	E	F	G	H	I	J
in	0.09	0.068	0.06	0.02	0.05	0.02	0.04	0.07	0.04	0.03
mm	2.29	1.73	1.52	0.51	1.27	0.51	1.02	1.78	1.02	0.76





WOUND CHIP INDUSTORS LCN0805 SERIES

PART NO.	INDUCTANCE (nH)	TEST FREQUENCY (MHz)	Q Min.	TEST FREQUENCY (MHz)	S.R.F Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)	COLOR CODING
LCN0805T-2N8K-S	2.8 ± 10%	250	70	1500	7900	0.06	800	Gray
LCN0805T-3N0K-S	3.0 ± 10%	250	65	1500	7900	0.06	800	White
LCN0805T-3N3K-S	3.3 ± 10%	250	50	1500	7900	0.08	600	Black
LCN0805T-5N6K-S	5.6 ± 10%	250	65	1000	5500	0.08	600	Orange
LCN0805T-6N8K-S	6.8 ± 10%	250	50	1000	5500	0.11	600	Brown
LCN0805T-7N5K-S	7.5 ± 10%	250	50	1000	4500	0.14	600	Green
LCN0805T-8N2K-S	8.2 ± 10%	250	50	1000	4700	0.12	600	Red
LCN0805T-10NK-S	10 ± 10%	250	60	500	4200	0.10	600	Blue
LCN0805T-12NK-S	12 ± 10%	250	50	500	4000	0.15	600	Orange
LCN0805T-15NJ-S	15 ± 5%	250	50	500	3400	0.17	600	Yellow
LCN0805T-18NJ-S	18 ± 5%	250	50	500	3300	0.20	600	Green
LCN0805T-22NJ-S	22 ± 5%	250	55	500	2600	0.22	500	Blue
LCN0805T-24NJ-S	24 ± 5%	250	50	500	2000	0.22	500	Gray
LCN0805T-27NJ-S	27 ± 5%	250	55	500	2500	0.25	500	Violet
LCN0805T-33NJ-S	33 ± 5%	250	60	500	2050	0.27	500	Gray
LCN0805T-36NJ-S	36 ± 5%	250	55	500	1700	0.27	500	Orange
LCN0805T-39NJ-S	39 ± 5%	250	60	500	2000	0.29	500	White
LCN0805T-43NJ-S	43 ± 5%	200	60	500	1650	0.34	500	Yellow
LCN0805T-47NJ-S	47 ± 5%	200	60	500	1650	0.31	500	Black
LCN0805T-56NJ-S	56 ± 5%	200	60	500	1550	0.34	500	Brown
LCN0805T-68NJ-S	68 ± 5%	200	60	500	1450	0.38	500	Red
LCN0805T-82NJ-S	82 ± 5%	150	65	500	1300	0.42	400	Orange
LCN0805T-91NJ-S	91 ± 5%	150	65	500	1200	0.48	400	Black
LCN0805T-R10J-S	100 ± 5%	150	65	500	1200	0.46	400	Yellow
LCN0805T-R11J-S	110 ± 5%	150	50	250	1000	0.48	400	Brown
LCN0805T-R12J-S	120 ± 5%	150	50	250	1100	0.51	400	Green
LCN0805T-R15J-S	150 ± 5%	100	50	250	920	0.56	400	Blue
LCN0805T-R18J-S	180 ± 5%	100	50	250	870	0.64	400	Violet
LCN0805T-R22J-S	220 ± 5%	100	50	250	850	0.70	400	Gray
LCN0805T-R24J-S	240 ± 5%	100	44	250	690	1.00	350	Red
LCN0805T-R27J-S	270 ± 5%	100	48	250	650	1.00	350	White
LCN0805T-R33J-S	330 ± 5%	100	48	250	600	1.40	310	Black
LCN0805T-R39J-S	390 ± 5%	100	48	250	560	1.50	290	Brown
LCN0805T-R47J-S	470 ± 5%	50	33	100	375	1.76	250	Violet
LCN0805T-R56J-S	560 ± 5%	25	23	50	340	1.90	230	Orange
LCN0805T-R68J-S	680 ± 5%	25	23	50	188	2.20	190	Green
LCN0805T-R82J-S	820 ± 5%	25	23	50	215	2.35	180	Blue

When ordering, please specify tolerance and packaging codes.

Ex : LCN0805T-R10NJ-S Tolerance : J = 5%, K = 10%, M = 20% Packaging : Clear Tape and Reel (Standard)

L, Q, RDC : HP4286A

SRF : HP8753D/HP4286A

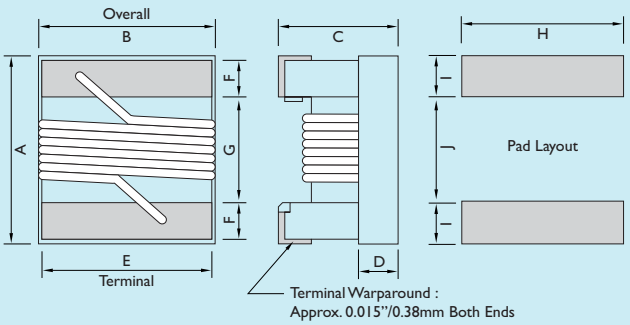
Operating Temperature Range -40°C to 125°C

LCN0805 SERIES

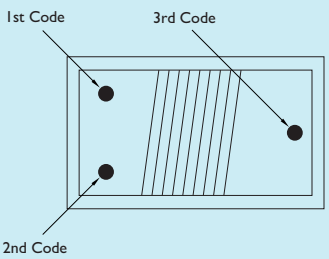
"LCN" series chip inductors have been designed especially for the needs of today's high frequency designer.

Their ceramic construction delivers the highest possible SRFs as well as execllent Q values.

The non-magnetic coil form also assures the utmost in thermal stability, predictability and batch consistency.

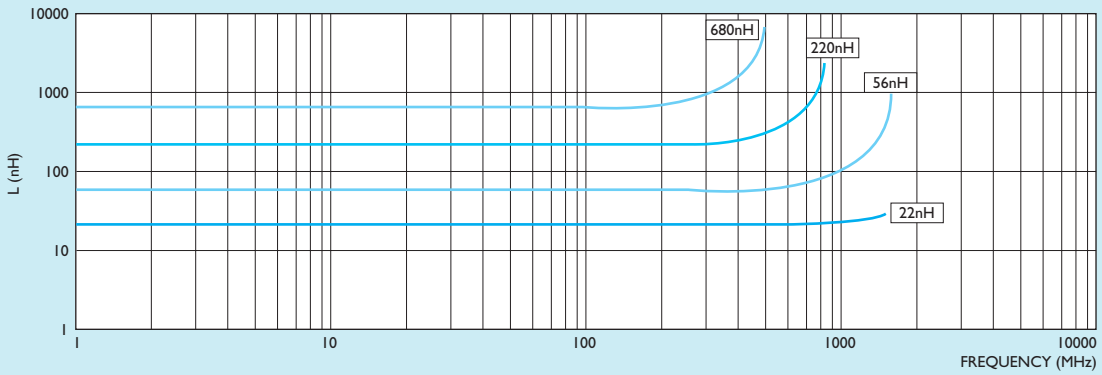


Color Coding

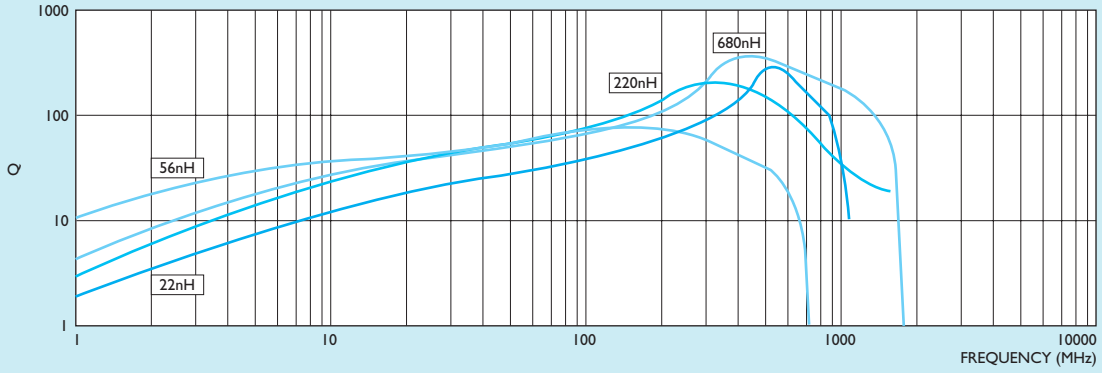


UNIT	A Max.	B Max.	C Max.	D Ref.	E	F	G	H	I	J
in	0.115	0.11	0.08	0.02	0.08	0.02	0.06	0.10	0.04	0.05
mm	2.92	2.79	2.10	0.51	2.03	0.51	1.52	2.54	1.02	1.27

INDUCTANCE vs. TEMPERATURE CHARACTERISTICS



Q vs. FREQUENCY CHARACTERISTICS



WOUND CHIP INDUSTORS LCN1008 SERIES

PART NO.	INDUCTANCE (nH)	TEST FREQUENCY (MHz)	Q Min.	TEST FREQUENCY (MHz)	S.R.F Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)	COLOR CODING		
								1ST	2ND	3RD
LCN1008T-4N7K-S	4.7 ± 10%	50	50	500	4100	0.08	1000	Black	Yellow	Violet
LCN1008T-10NK-S	10 ± 10%	50	50	500	4100	0.08	1000	Brown	Black	Black
LCN1008T-12NK-S	12 ± 10%	50	50	500	3300	0.09	1000	Brown	Red	Black
LCN1008T-15NK-S	15 ± 10%	50	50	500	2500	0.10	1000	Brown	Green	Black
LCN1008T-18NK-S	18 ± 10%	50	50	350	2500	0.11	1000	Brown	Gray	Black
LCN1008T-22NJ-S	22 ± 5%	50	55	350	2400	0.12	1000	Red	Red	Black
LCN1008T-27NJ-S	27 ± 5%	50	55	350	1600	0.13	1000	Red	Violet	Black
LCN1008T-33NJ-S	33 ± 5%	50	60	350	1600	0.14	1000	Orange	Orange	Black
LCN1008T-39NJ-S	39 ± 5%	50	60	350	1500	0.15	1000	Orange	White	Black
LCN1008T-47NJ-S	47 ± 5%	50	65	350	1500	0.16	1000	Yellow	Violet	Black
LCN1008T-56NJ-S	56 ± 5%	50	65	350	1300	0.18	1000	Green	Blue	Black
LCN1008T-68NJ-S	68 ± 5%	50	65	350	1300	0.20	1000	Blue	Gray	Black
LCN1008T-82NJ-S	82 ± 5%	50	60	350	1000	0.22	1000	Gray	Red	Black
LCN1008T-R10J-S	100 ± 5%	25	60	350	1000	0.56	650	Brown	Black	Brown
LCN1008T-R12J-S	120 ± 5%	25	60	350	950	0.63	650	Brown	Red	Brown
LCN1008T-R15J-S	150 ± 5%	25	45	100	850	0.70	580	Brown	Green	Brown
LCN1008T-R18J-S	180 ± 5%	25	45	100	750	0.77	620	Brown	Gray	Brown
LCN1008T-R22J-S	220 ± 5%	25	45	100	700	0.84	500	Red	Red	Brown
LCN1008T-R27J-S	270 ± 5%	25	45	100	600	0.91	500	Red	Violet	Brown
LCN1008T-R33J-S	330 ± 5%	25	45	100	570	1.05	450	Orange	Orange	Brown
LCN1008T-R39J-S	390 ± 5%	25	45	100	500	1.12	470	Orange	White	Brown
LCN1008T-R47J-S	470 ± 5%	25	45	100	450	1.19	470	Yellow	Violet	Brown
LCN1008T-R56J-S	560 ± 5%	25	45	100	415	1.33	400	Green	Blue	Brown
LCN1008T-R62J-S	620 ± 5%	25	45	100	375	1.40	300	Blue	Red	Brown
LCN1008T-R68J-S	680 ± 5%	25	45	100	375	1.47	400	Blue	Gray	Brown
LCN1008T-R75J-S	750 ± 5%	25	45	100	360	1.54	360	Violet	Green	Brown
LCN1008T-R82J-S	820 ± 5%	25	45	100	350	1.61	400	Gray	Red	Brown
LCN1008T-R91J-S	910 ± 5%	25	35	50	320	1.68	380	White	Brown	Brown
LCN1008T-1R0J-S	1000 ± 5%	25	35	50	290	1.75	370	Brown	Black	Brown
LCN1008T-1R2J-S	1200 ± 5%	7.9	35	50	250	2.0	310	Brown	Red	Red
LCN1008T-1R5J-S	1500 ± 5%	7.9	28	50	200	2.3	330	Brown	Green	Red
LCN1008T-1R8J-S	1800 ± 5%	7.9	28	50	160	2.6	300	Brown	Gray	Red
LCN1008T-2R2J-S	2200 ± 5%	7.9	28	50	160	2.8	280	Red	Red	Red
LCN1008T-2R7J-S	2700 ± 5%	7.9	22	25	140	3.2	290	Red	Violet	Red
LCN1008T-3R3J-S	3300 ± 5%	7.9	22	25	110	3.4	290	Orange	Orange	Red
LCN1008T-3R9J-S	3900 ± 5%	7.9	20	25	100	3.6	260	Orange	White	Red
LCN1008T-4R7J-S	4700 ± 5%	7.9	20	25	90	4.0	260	Yellow	Violet	Red

When ordering, please specify tolerance and packaging codes.

Ex : LCN0805T-R10NJ-S Tolerance : J = 5%, K = 10% Packaging : Clear Tape and Reel (Standard)

L, Q, RDC : HP4286A

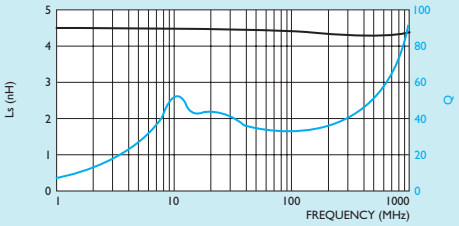
SRF : HP8753D/HP4286A

Operating Temperature Range -40°C to 125°C

TYPICAL ELECTRICAL CHARACTERISTICS

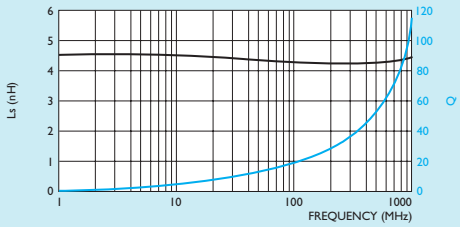
Test Instruments : HP4291A Impedance / Material Analyzer

LCN0603T-3N9K-S



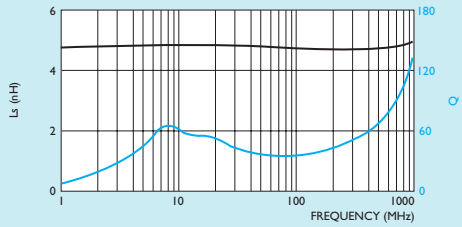
RDC: 0.13Ω IDC: 500mA Frequency: 100MHz OSC: 1000mA SRF: 6000MHz

LCN0603T-6N3K-S



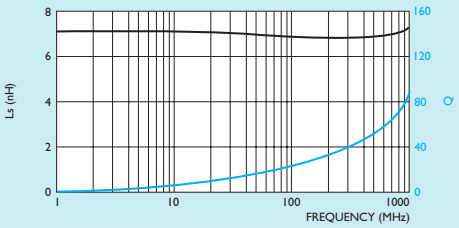
RDC: 0.063Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 5900MHz

LCN0603T-4N7K-S



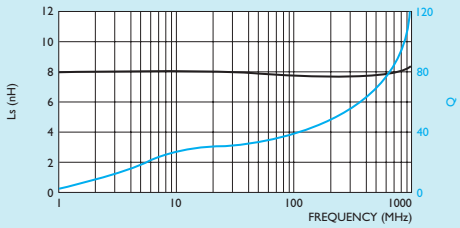
RDC: 0.116Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 5800MHz

LCN0603T-6N8K-S



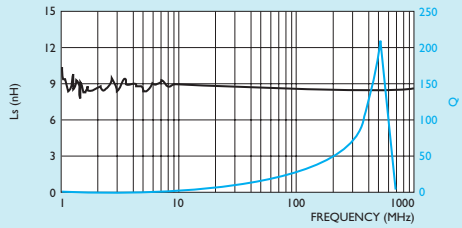
RDC: 0.11Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 5800MHz

LCN0603T-7N5K-S



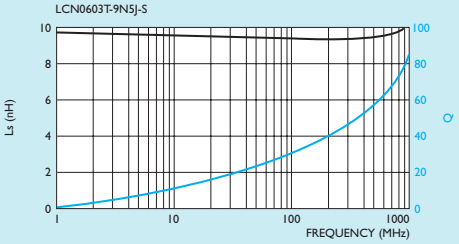
RDC: 0.106Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4800MHz

LCN0603T-8N7J-S



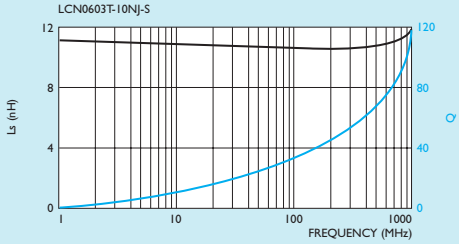
RDC: 0.109Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4600MHz

LCN0603T-9N5J-S



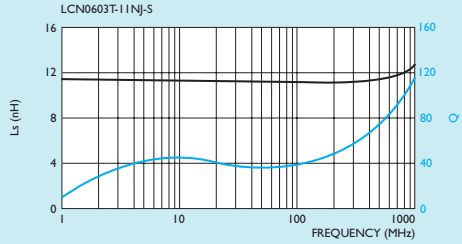
RDC: 0.135Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 5400MHz

LCN0603T-10NJ-S



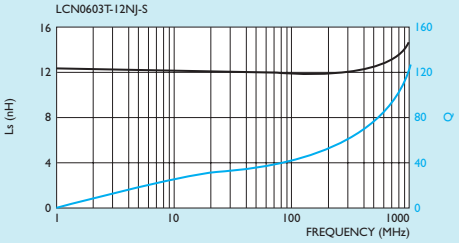
RDC: 0.13Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4800MHz

LCN0603T-11NJ-S



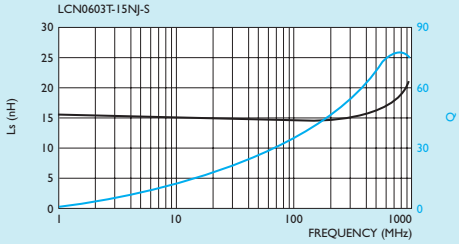
RDC: 0.086Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4000MHz

LCN0603T-12NJ-S



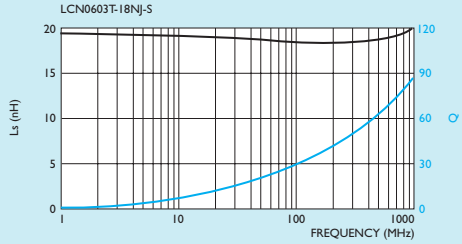
RDC: 0.13Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4000MHz

LCN0603T-15NJ-S



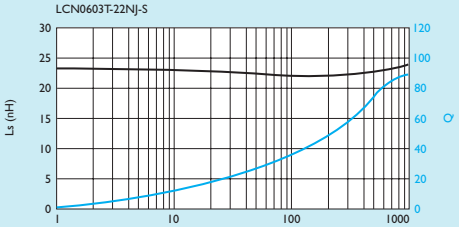
RDC: 0.17Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 4000MHz

LCN0603T-18NJ-S



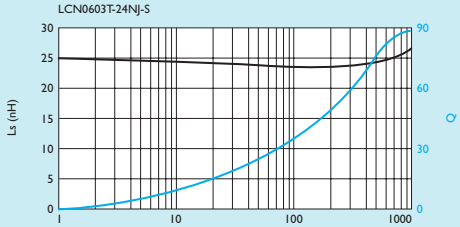
RDC: 0.17Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 3100MHz

LCN0603T-22NJ-S



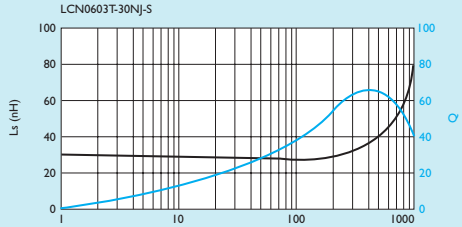
RDC: 0.19Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 3000MHz

LCN0603T-24NJ-S



RDC: 0.135Ω IDC: 700mA Frequency: 250MHz OSC: 1000mA SRF: 2650MHz

LCN0603T-30NJ-S

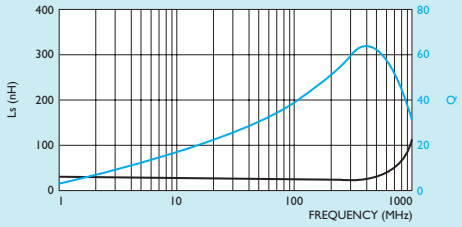


RDC: 0.144Ω IDC: 600mA Frequency: 250MHz OSC: 1000mA SRF: 2250MHz

TYPICAL ELECTRICAL CHARACTERISTICS

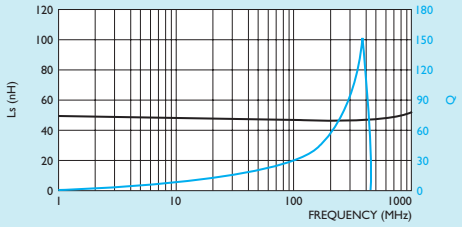
Test Instruments : HP4291A Impedance / Material Analyzer

LCN0603T-33NJ-S



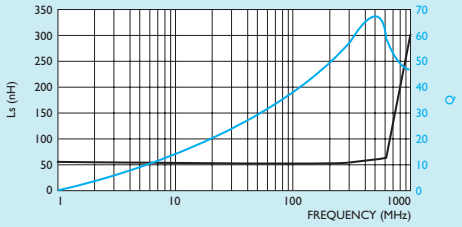
RDC: 0.22Ω IDC: 600mA Frequency: 250MHz OSC: 1000mA SRF: 2300MHz

LCN0603T-47NJ-S



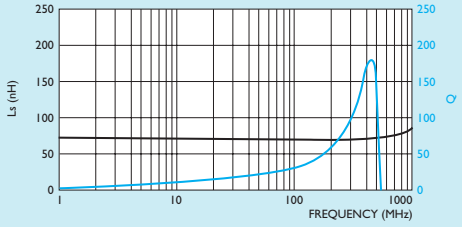
RDC: 0.28Ω IDC: 600mA Frequency: 200MHz OSC: 1000mA SRF: 2000MHz

LCN0603T-56NJ-S



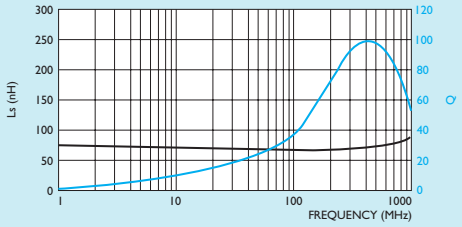
RDC: 0.31Ω IDC: 600mA Frequency: 200MHz OSC: 1000mA SRF: 1900MHz

LCN0603T-68NJ-S



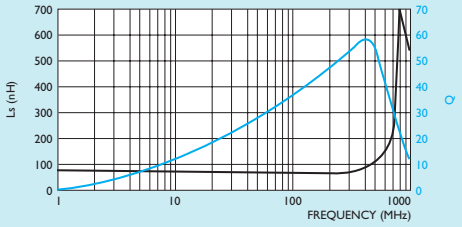
RDC: 0.34Ω IDC: 600mA Frequency: 200MHz OSC: 1000mA SRF: 1700MHz

LCN0603T-72NJ-S



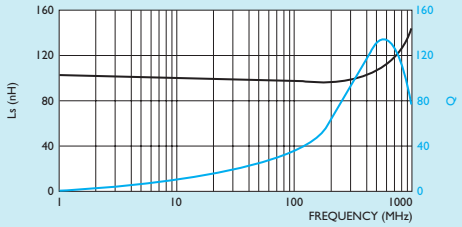
RDC: 0.49Ω IDC: 400mA Frequency: 150MHz OSC: 1000mA SRF: 1700MHz

LCN0603T-82NJ-S



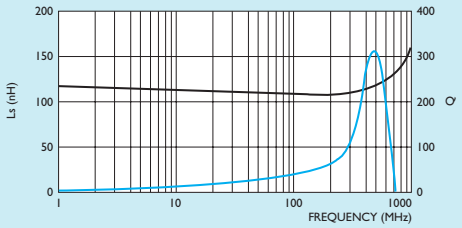
RDC: 0.54Ω IDC: 400mA Frequency: 150MHz OSC: 1000mA SRF: 1700MHz

LCN0603T-R10J-S



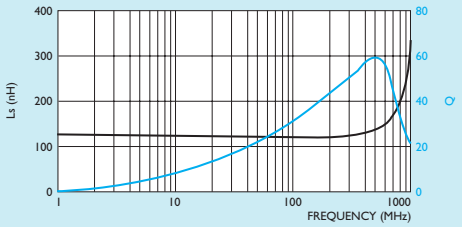
RDC: 0.58Ω IDC: 400mA Frequency: 150MHz OSC: 1000mA SRF: 1400MHz

LCN0603T-R11J-S



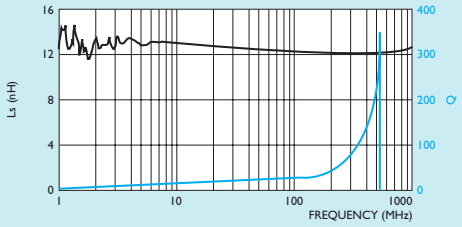
RDC: 0.58Ω IDC: 300mA Frequency: 150MHz OSC: 1000mA SRF: 1350MHz

LCN0603T-R12J-S



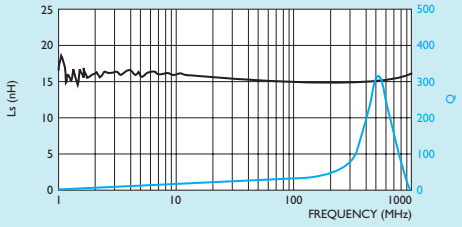
RDC: 0.65Ω IDC: 300mA Frequency: 150MHz OSC: 1000mA SRF: 1300MHz

LCN0805T-12NM-S



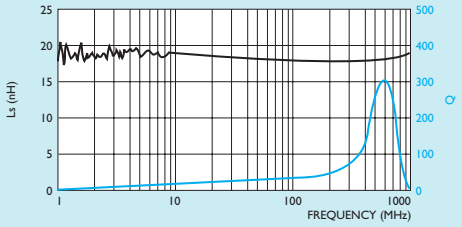
RDC: 0.08Ω IDC: 600mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-15NM-S



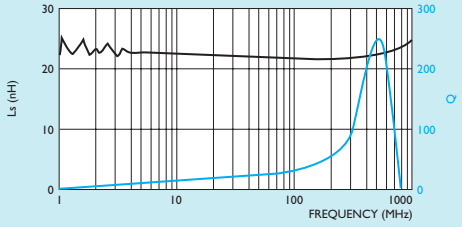
RDC: 0.17Ω IDC: 600mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-18NM-S



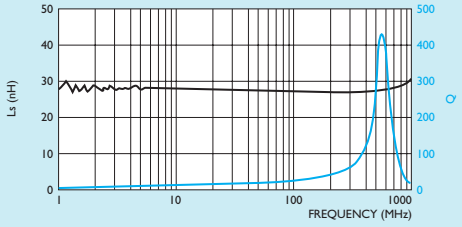
RDC: 0.20Ω IDC: 600mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-22NM-S



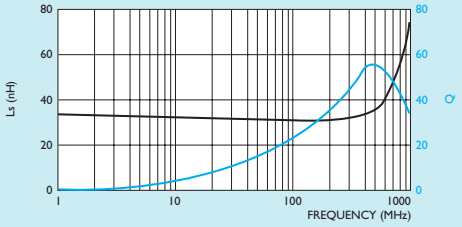
RDC: 0.22Ω IDC: 500mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-27NM-S



RDC: 0.22Ω IDC: 500mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-33NM-S

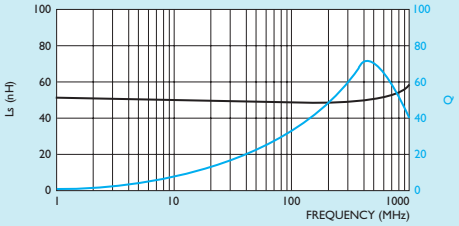


RDC: 0.27Ω IDC: 500mA Frequency: 250MHz (Ls) 500MHz (Q) OSC: 1000mV

TYPICAL ELECTRICAL CHARACTERISTICS

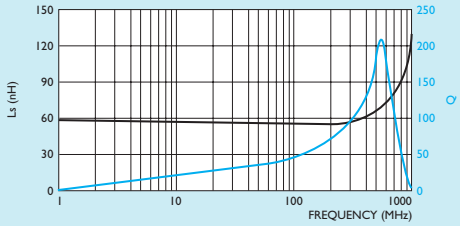
Test Instruments : HP4291A Impedance / Material Analyzer

LCN0805T-47NK-S



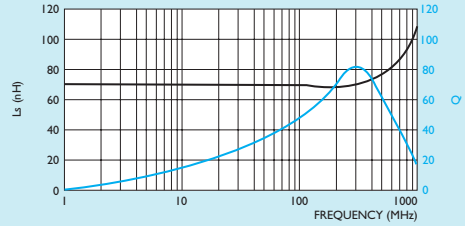
RDC: 0.31Ω IDC: 500mA Frequency: 200MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-56NK-S



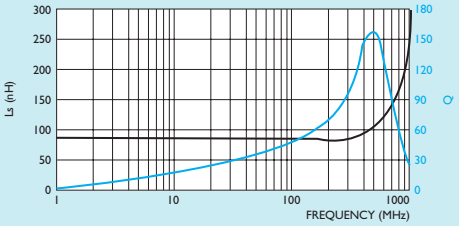
RDC: 0.34Ω IDC: 500mA Frequency: 200MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-68NJ-S



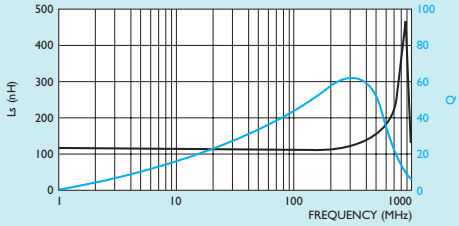
RDC: 0.38Ω IDC: 500mA Frequency: 200MHz (Ls) 500MHz (Q) OSC: 1000mV SRF: 1450MHz

LCN0805T-82NK-S



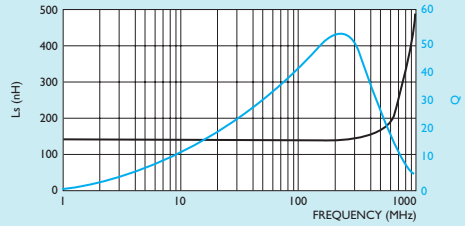
RDC: 0.42Ω IDC: 400mA Frequency: 150MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN0805T-R12J-S



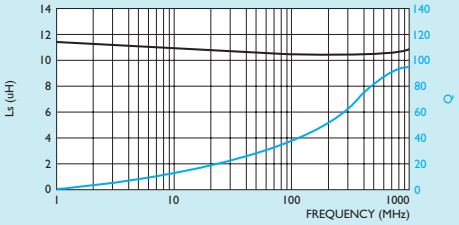
RDC: 0.51Ω IDC: 400mA Frequency: 150MHz (Ls) 250MHz (Q) OSC: 1000mV

LCN0805T-R15J-S



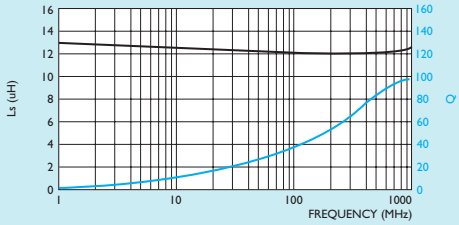
RDC: 0.56Ω IDC: 400mA Frequency: 100MHz (Ls) 250MHz (Q) OSC: 1000mV

LCN1008T-10NK-S



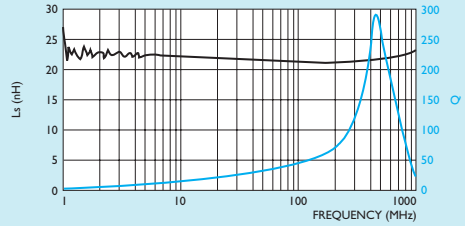
RDC: 0.08Ω IDC: 1000mA Frequency: 50MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN1008T-12NK-S



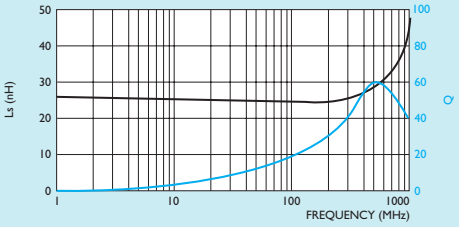
RDC: 0.09Ω IDC: 1000mA Frequency: 50MHz (Ls) 500MHz (Q) OSC: 1000mV

LCN1008T-22NK-S



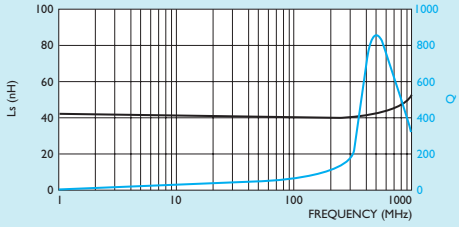
RDC: 0.12Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-27N-S



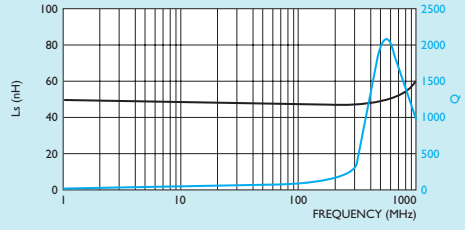
RDC: 0.13Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-39NK-S



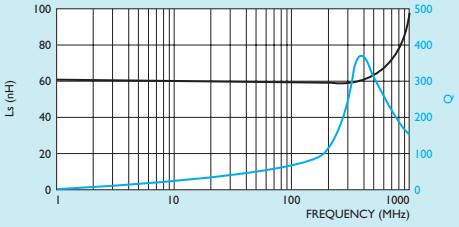
RDC: 0.15Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-47NK-S



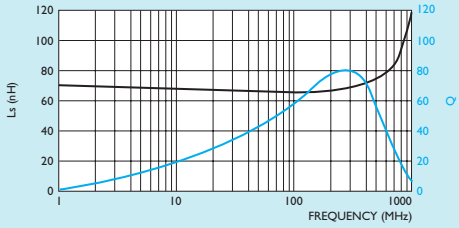
RDC: 0.16Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-56NK-S



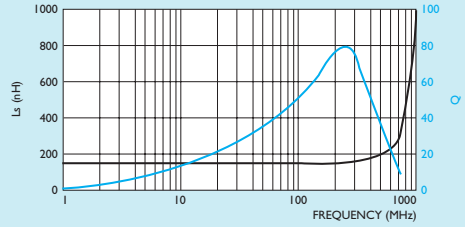
RDC: 0.18Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-68NK-S



RDC: 0.20Ω IDC: 1000mA Frequency: 50MHz (Ls) 350MHz (Q) OSC: 1000mV

LCN1008T-R15J-S

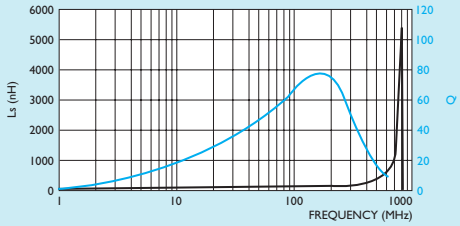


RDC: 0.70Ω IDC: 580mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

TYPICAL ELECTRICAL CHARACTERISTICS

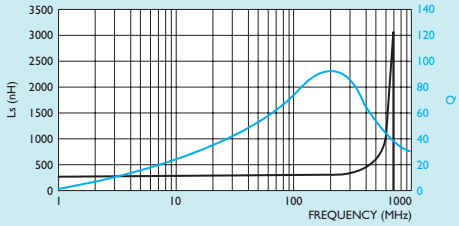
Test Instruments : HP4291A Impedance / Material Analyzer

LCN1008T-R22J-S



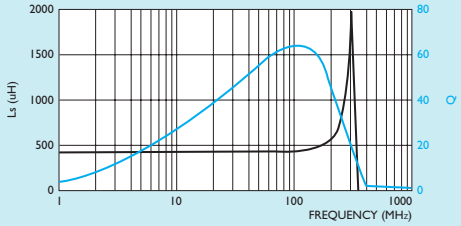
RDC: 0.84Ω IDC: 500mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

LCN1008T-R27K-S



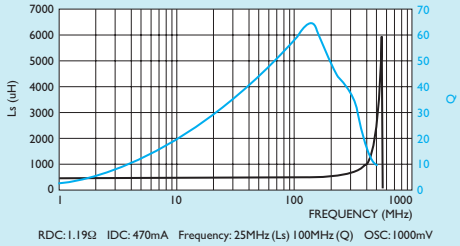
RDC: 0.91Ω IDC: 500mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

LCN1008T-R39K-S



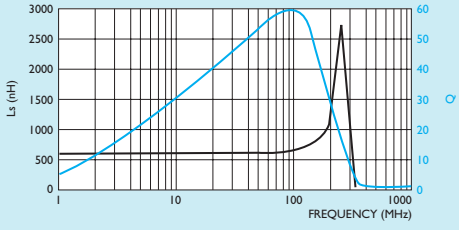
RDC: 1.12Ω IDC: 470mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV SRF: 25MHz

LCN1008T-R47J-S



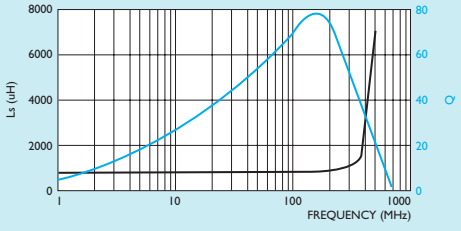
RDC: 1.19Ω IDC: 470mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

LCN1008T-R56K-S



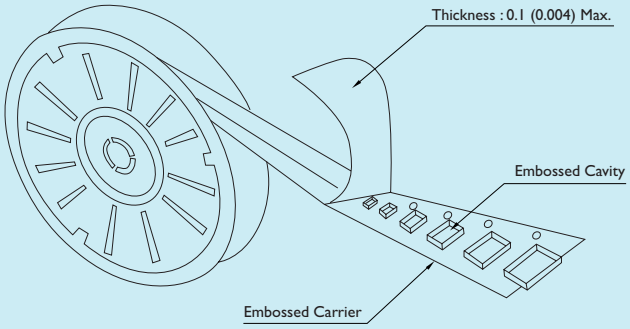
RDC: 1.33Ω IDC: 400mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

LCN1008T-R68K-S

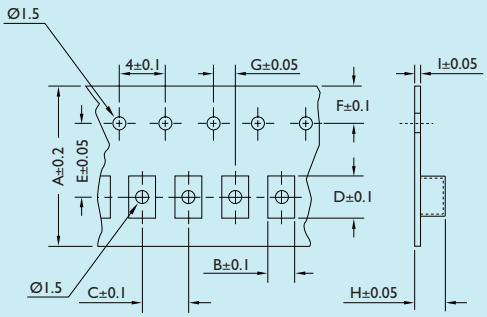


RDC: 1.47Ω IDC: 300mA Frequency: 25MHz (Ls) 100MHz (Q) OSC: 1000mV

PACKAGING



TAPE DIMENSIONS



Tape Material :

Carier Tape : Polyestyrene

TAPE	A	B	C	D	E	F	G	H	I	PCS/PER WHEEL
LCN1008	8	2.73	4	2.88	3.5	1.75	2	2.33	0.2	2000
LCN0805	8	1.88	4	2.38	3.5	1.75	2	1.48	0.2	2500
LCN0603	8	1.1	4	1.75	3.5	1.75	2	1.15	0.25	4000