CLH Series

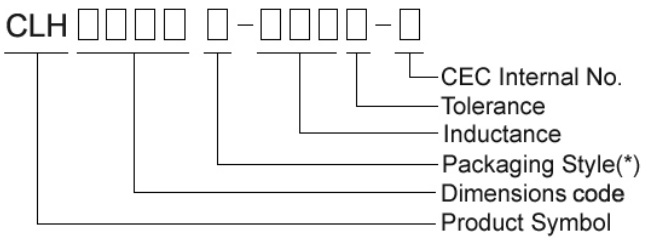
Features

- RoHS compliant
- Excellent Q factor and SRF characteristics
- Small size of 1005/1608 is suitable for small portable equipment.
- Supports operating frequency up to 6GHz with nominal inductance values from 1.0nH to 470nH.

Applications

- RF Resonance and Impedance Matching Circuit
- RF and wireless communication
- Information technology equipment, computers, telecommunications, radar detectors, automotive electronics, cellular phones, pagers, PDAs, keyless remote systems.
- Use in L-C filter configurations

Product Identification



- Packing Type: T: Taping B: Bulk
- Product series identification:

CLH0603-F:	Top side half mark.	CLH0603-W:	White		
CLH1005-S:	Top side full mark.	CLH1005-H:	Top side half mark.		
CLH1608-S:	Top side full mark.	CLH1608-H:	Top side half mark.	CLH1608-W:	White
CLH2012-S:	White				

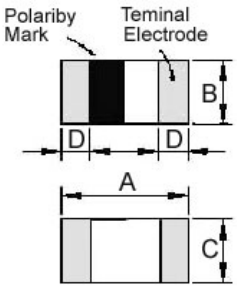
Shapes and Dimensions

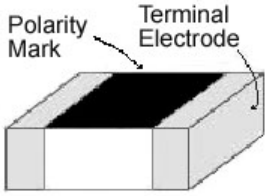
CLH0603-F Series
CLH1005-H Series
CLH1608-H Series

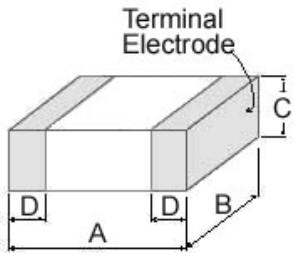
CLH1005-S Series
CLH1608-S Series

CLH0603-W Series
CLH1608-W Series
CLH2012-S Series





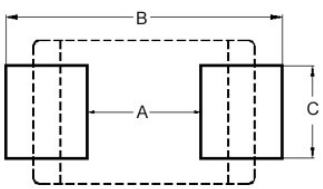




Dimensions in mm

TYPE	A	B	C	D
0603	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05
1005	1.0±0.10	0.5±0.10	0.5±0.10	0.25±0.10
1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
2012 < 390 nH	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3
2012 ≧ 390 nH	2.0±0.2	1.25±0.2	1.2±0.2	0.5±0.3

Recommended Pattern



Dimensions in mm

TYPE	A	B	C
CLH0603	0.3	0.75 ~ 1.05	0.3
CLH1005	0.4	1.2 ~ 1.4	0.5
CLH1608	0.7 ~ 0.8	1.8 ~ 2.0	0.6 ~ 0.8
CLH2012	1.0 ~ 1.2	2.6 ~ 4.0	1.0 ~ 1.2

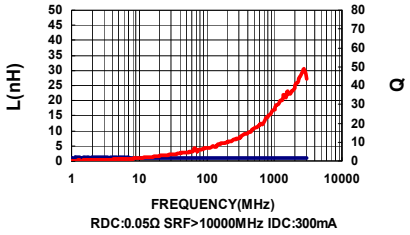
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min at 100MHz	SRF (MHz) Typ.	DC Resstance (Ω) Typ.	IDC (mA) Max
CLH0603T-1N0□-F	1.0	S	4	>10000	0.05	300
CLH0603T-1N2□-F	1.2	S	4	>10000	0.06	300
CLH0603T-1N5□-F	1.5	S	4	>10000	0.07	300
CLH0603T-1N8□-F	1.8	S	4	>10000	0.08	300
CLH0603T-2N0□-F	2.0	S	4	>10000	0.09	200
CLH0603T-2N2□-F	2.2	S	4	>10000	0.09	200
CLH0603T-2N4□-F	2.4	S	4	>10000	0.10	200
CLH0603T-2N7□-F	2.7	S	4	>10000	0.10	200
CLH0603T-3N0□-F	3.0	S	4	9300	0.12	200
CLH0603T-3N3□-F	3.3	S	4	9200	0.12	200
CLH0603T-3N6□-F	3.6	S	4	8900	0.17	150
CLH0603T-3N9□-F	3.9	S	4	8800	0.17	150
CLH0603T-4N3□-F	4.3	S	4	8500	0.19	150
CLH0603T-4N7□-F	4.7	S	4	8500	0.19	150
CLH0603T-5N1□-F	5.1	S	4	7200	0.21	150
CLH0603T-5N6□-F	5.6	S	4	7200	0.22	150
CLH0603T-6N2□-F	6.2	S	4	6100	0.24	100
CLH0603T-6N8□-F	6.8	J	4	6100	0.26	100
CLH0603T-7N5□-F	7.5	J	4	5800	0.29	100
CLH0603T-8N2□-F	8.2	J	4	5800	0.33	100
CLH0603T-9N1□-F	9.1	J	4	4600	0.34	100
CLH0603T-10N□-F	10	J	4	4600	0.38	100
CLH0603T-12N□-F	12	J	4	3800	0.43	100
CLH0603T-15N□-F	15	J	3.5	3800	0.65	90
CLH0603T-18N□-F	18	J	3.5	3300	0.90	80
CLH0603T-22N□-F	22	J	3.5	3000	1.00	70
CLH0603T-27N□-F	27	J	3.5	2800	1.10	50
CLH0603T-33N□-F	33	J	3.5	2500	1.20	50
CLH0603T-39N□-F	39	J	3.5	1900	1.45	50
CLH0603T-47N□-F	47	J	3.5	1600	1.55	50
CLH0603T-56N□-F	56	J	3.5	1400	1.75	50
CLH0603T-68N□-F	68	J	3.5	1200	2.00	50

- Tolerance：S = ± 0.3 nH；J = ± 5%
- Test Instruments： L/Q ： Agilent E4991A Fixture：Agilent 16197A
  SRF： HPE4991A/ HP19196C
  RDC： HP4338B/ CH502BC

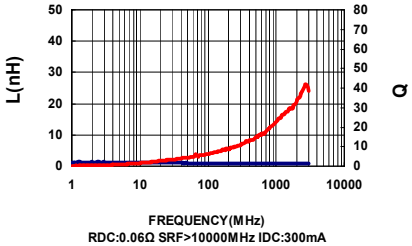
Test Instruments：HP4291A Material/Impedance Analyzer

CLH0603T-1N0S-F



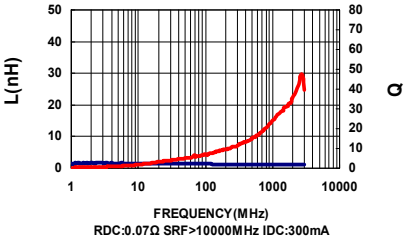
RDC:0.05Ω SRF>10000MHz IDC:300mA

CLH0603T-1N2S-F



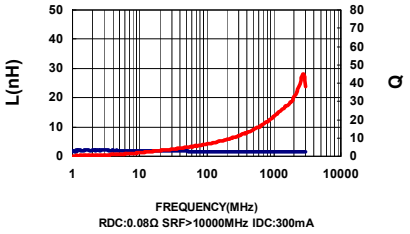
RDC:0.06Ω SRF>10000MHz IDC:300mA

CLH0603T-1N5S-F



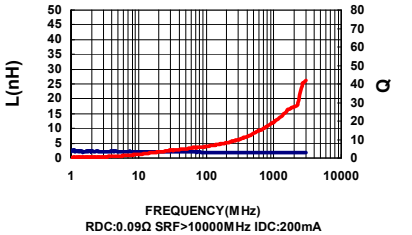
RDC:0.07Ω SRF>10000MHz IDC:300mA

CLH0603T-1N8S-F



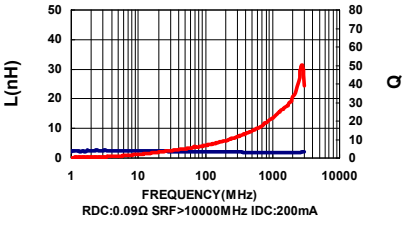
RDC:0.08Ω SRF>10000MHz IDC:300mA

CLH0603T-2N0S-F



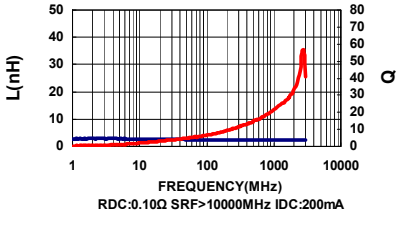
RDC:0.09Ω SRF>10000MHz IDC:200mA

CLH0603T-2N2S-F



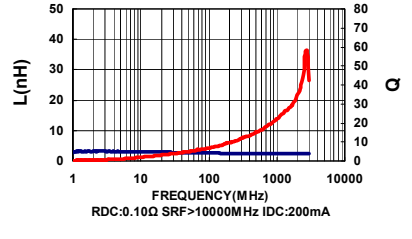
RDC:0.09Ω SRF>10000MHz IDC:200mA

CLH0603T-2N4S-F



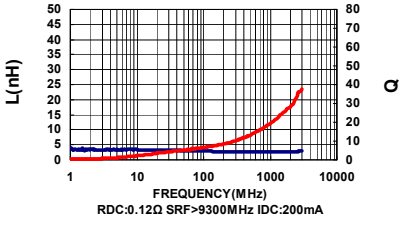
RDC:0.10Ω SRF>10000MHz IDC:200mA

CLH0603T-2N7S-F



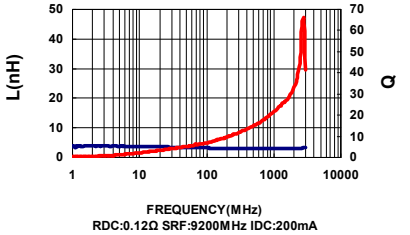
RDC:0.10Ω SRF>10000MHz IDC:200mA

CLH0603T-3N0S-F



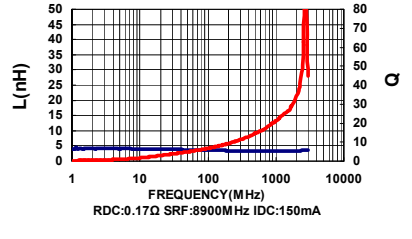
RDC:0.12Ω SRF>9300MHz IDC:200mA

CLH0603T-3N3S-F



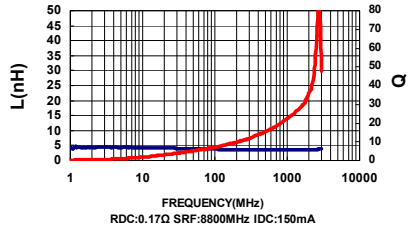
RDC:0.12Ω SRF:9200MHz IDC:200mA

CLH0603T-3N6S-F



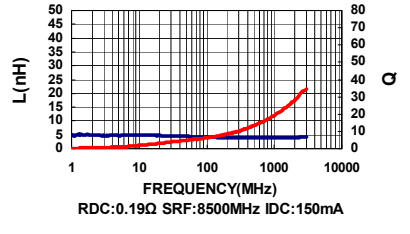
RDC:0.17Ω SRF:8900MHz IDC:150mA

CLH0603T-3N9S-F



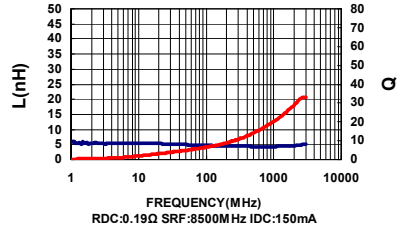
RDC:0.17Ω SRF:8800MHz IDC:150mA

CLH0603T-4N3S-F



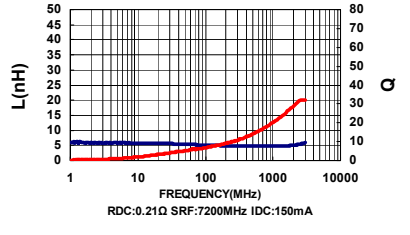
RDC:0.19Ω SRF:8500MHz IDC:150mA

CLH0603T-4N7S-F



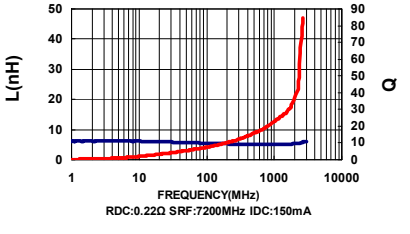
RDC:0.19Ω SRF:8500MHz IDC:150mA

CLH0603T-5N1S-F



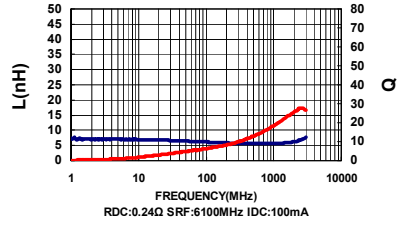
RDC:0.21Ω SRF:7200MHz IDC:150mA

CLH0603T-5N6S-F



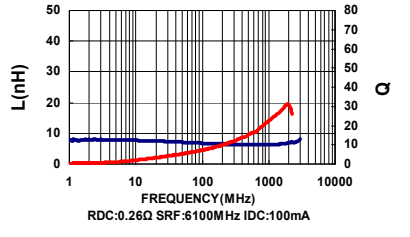
RDC:0.22Ω SRF:7200MHz IDC:150mA

CLH0603T-6N2S-F



RDC:0.24Ω SRF:6100MHz IDC:100mA

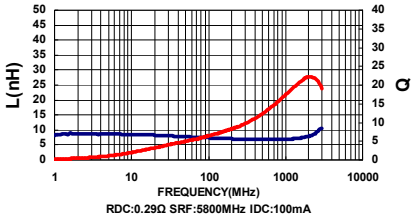
CLH0603T-6N8J-F



RDC:0.26Ω SRF:6100MHz IDC:100mA

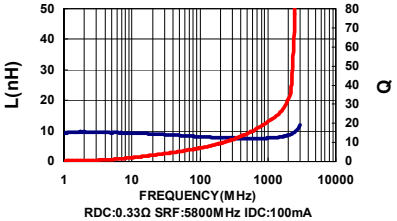
Test Instruments：HP4291A Material/Impedance Analyzer

CLH0603T-7N5J-F



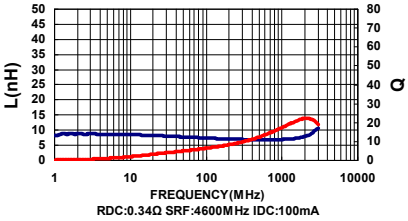
RDC:0.29Ω SRF:5800MHz IDC:100mA

CLH0603T-8N2J-F



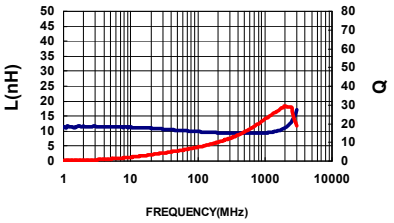
RDC:0.33Ω SRF:5800MHz IDC:100mA

CLH0603T-9N1J-F



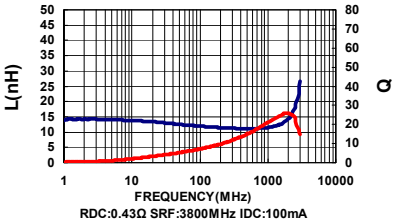
RDC:0.34Ω SRF:4600MHz IDC:100mA

CLH0603T-10NJ-F



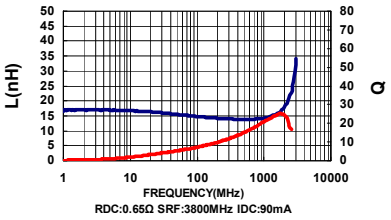
RDC:0.38Ω SRF:4600MHz IDC:100mA

CLH0603T-12NJ-F



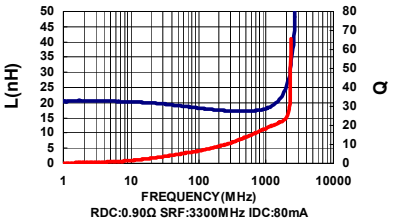
RDC:0.43Ω SRF:3800MHz IDC:100mA

CLH0603T-15NJ-F



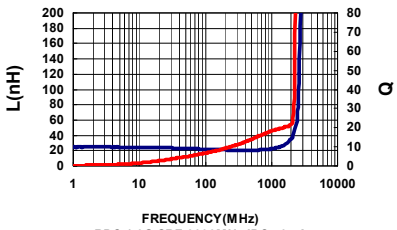
RDC:0.65Ω SRF:3800MHz IDC:90mA

CLH0603T-18NJ-F



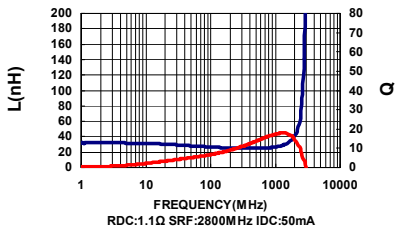
RDC:0.90Ω SRF:3300MHz IDC:80mA

CLH0603T-22NJ-F



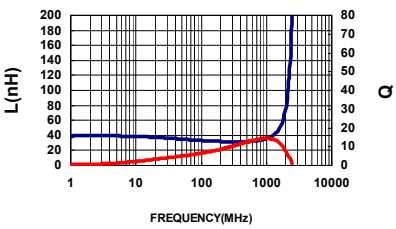
RDC:1.0Ω SRF:3000MHz IDC:70mA

CLH0603T-27NJ-F



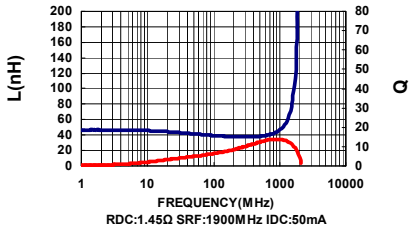
RDC:1.1Ω SRF:2800MHz IDC:50mA

CLH0603T-33NJ-F



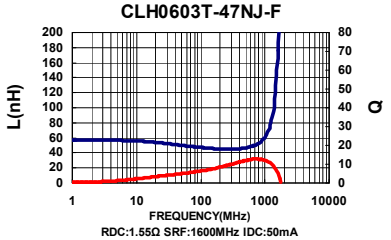
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CLH0603T-39NJ-F



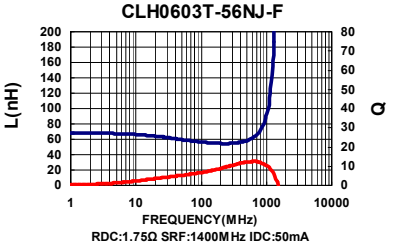
RDC:1.45Ω SRF:1900MHz IDC:50mA

CLH0603T-47NJ-F



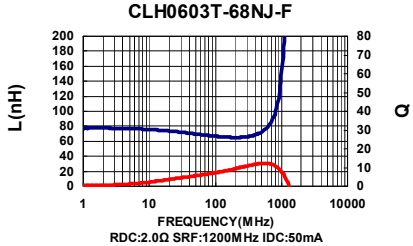
RDC:1.55Ω SRF:1600MHz IDC:50mA

CLH0603T-56NJ-F



RDC:1.75Ω SRF:1400MHz IDC:50mA

CLH0603T-68NJ-F



RDC:2.0Ω SRF:1200MHz IDC:50mA

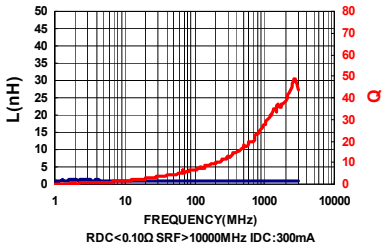
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min at 100MHz	SRF (MHz) Typ	DC Resstance (Ω) Max	IDC (mA) Max
CLH0603T-1N0□-W	1.0	S	4	>10000	0.10	300
CLH0603T-1N2□-W	1.2	S	4	>10000	0.11	300
CLH0603T-1N5□-W	1.5	S	4	>10000	0.12	300
CLH0603T-1N8□-W	1.8	S	4	>10000	0.15	300
CLH0603T-2N0□-W	2.0	S	4	>10000	0.16	200
CLH0603T-2N2□-W	2.2	S	4	>10000	0.18	200
CLH0603T-2N4□-W	2.4	S	4	>10000	0.19	200
CLH0603T-2N7□-W	2.7	S	4	>10000	0.19	200
CLH0603T-3N0□-W	3.0	S	4	9300	0.21	200
CLH0603T-3N3□-W	3.3	S	4	9200	0.22	200
CLH0603T-3N6□-W	3.6	S	4	8900	0.24	150
CLH0603T-3N9□-W	3.9	S	4	8800	0.26	150
CLH0603T-4N3□-W	4.3	S	4	8500	0.29	150
CLH0603T-4N7□-W	4.7	S	4	8500	0.29	150
CLH0603T-5N1□-W	5.1	S	4	7200	0.32	150
CLH0603T-5N6□-W	5.6	S	4	7200	0.35	150
CLH0603T-6N2□-W	6.2	S	4	6100	0.37	100
CLH0603T-6N8□-W	6.8	J	4	6100	0.38	100
CLH0603T-7N5□-W	7.5	J	4	5800	0.40	100
CLH0603T-8N2□-W	8.2	J	4	5800	0.44	100
CLH0603T-9N1□-W	9.1	J	4	4600	0.47	100
CLH0603T-10N□-W	10	J	4	4600	0.50	100
CLH0603T-12N□-W	12	J	4	3800	0.67	100
CLH0603T-15N□-W	15	J	3.5	3800	0.80	90
CLH0603T-18N□-W	18	J	3.5	3300	1.21	80
CLH0603T-22N□-W	22	J	3.5	3000	1.32	70
CLH0603T-27N□-W	27	J	3.5	2800	1.34	50
CLH0603T-33N□-W	33	J	3.5	2500	1.45	50
CLH0603T-39N□-W	39	J	3.5	1900	1.71	50
CLH0603T-47N□-W	47	J	3.5	1600	1.89	50
CLH0603T-56N□-W	56	J	3.5	1400	2.26	50
CLH0603T-68N□-W	68	J	3.5	1200	2.65	50

- Tolerance：S = ± 0.3 nH；J = ± 5%
- Test Instruments： L/Q ： Agilent E4991A Fixture：Agilent 16197A
  SRF： HPE4991A/ HP19196C
  RDC： HP4338B/ CH502BC

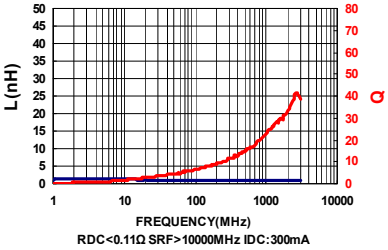
Test Instruments：HP4291A Material/Impedance Analyzer

CLH0603T-1N0S-W



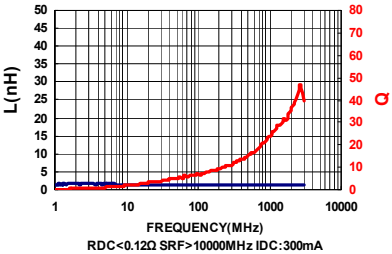
RDC<0.10Ω SRF>10000MHz IDC:300mA

CLH0603T-1N2S-W



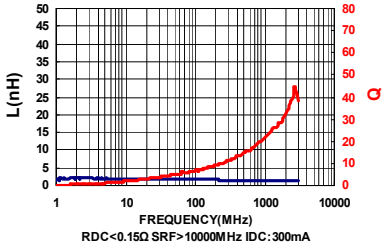
RDC<0.11Ω SRF>10000MHz IDC:300mA

CLH0603T-1N5S-W



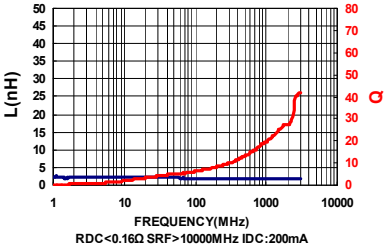
RDC<0.12Ω SRF>10000MHz IDC:300mA

CLH0603T-1N8S-W



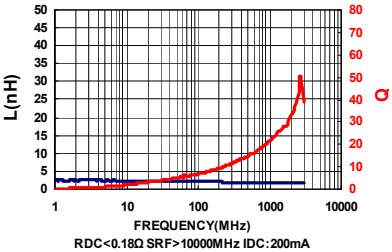
RDC<0.15Ω SRF>10000MHz IDC:300mA

CLH0603T-2N0S-W



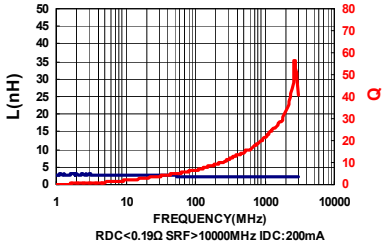
RDC<0.16Ω SRF>10000MHz IDC:200mA

CLH0603T-2N2S-W



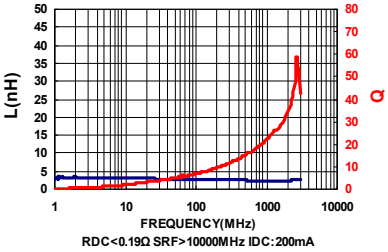
RDC<0.18Ω SRF>10000MHz IDC:200mA

CLH0603T-2N4S-W



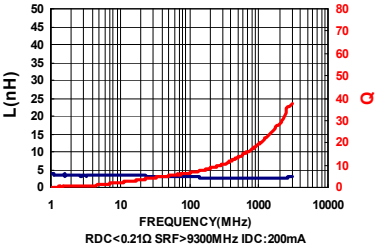
RDC<0.19Ω SRF>10000MHz IDC:200mA

CLH0603T-2N7S-W



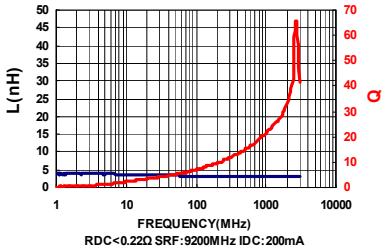
RDC<0.19Ω SRF>10000MHz IDC:200mA

CLH0603T-3N0S-W



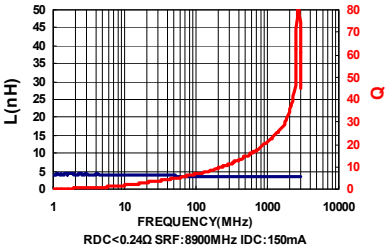
RDC<0.21Ω SRF>9300MHz IDC:200mA

CLH0603T-3N3S-W



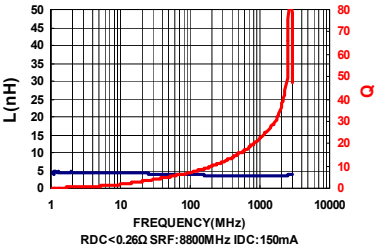
RDC<0.22Ω SRF:9200MHz IDC:200mA

CLH0603T-3N6S-W



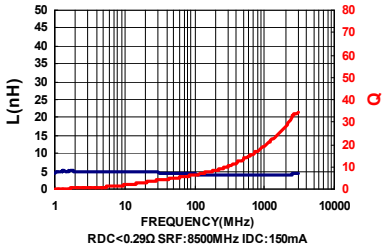
RDC<0.24Ω SRF:8900MHz IDC:150mA

CLH0603T-3N9S-W



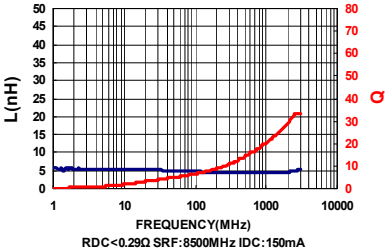
RDC<0.26Ω SRF:8800MHz IDC:150mA

CLH0603T-4N3S-W



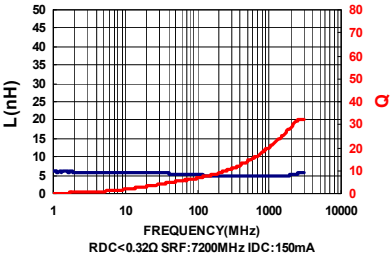
RDC<0.29Ω SRF:8500MHz IDC:150mA

CLH0603T-4N7S-W



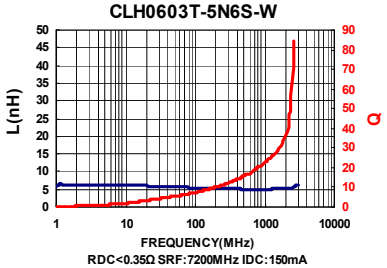
RDC<0.29Ω SRF:8500MHz IDC:150mA

CLH0603T-5N1S-W



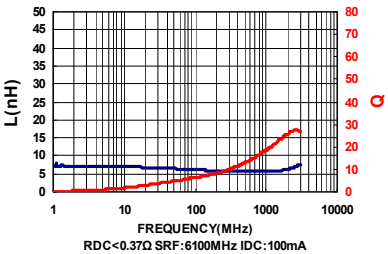
RDC<0.32Ω SRF:7200MHz IDC:150mA

CLH0603T-5N6S-W



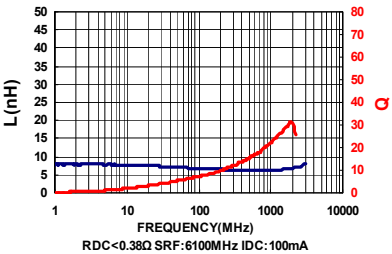
RDC<0.35Ω SRF:7200MHz IDC:150mA

CLH0603T-6N2S-W



RDC<0.37Ω SRF:6100MHz IDC:100mA

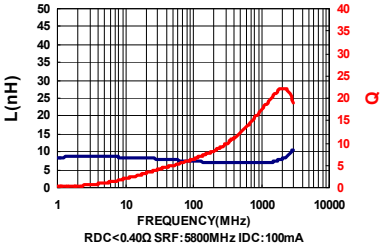
CLH0603T-6N8J-W



RDC<0.38Ω SRF:6100MHz IDC:100mA

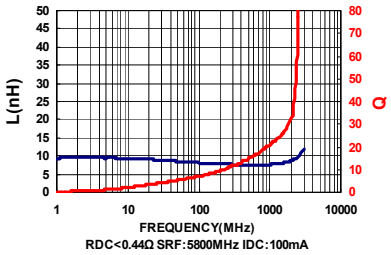
Test Instruments：HP4291A Material/Impedance Analyzer

CLH0603T-7N5J-W



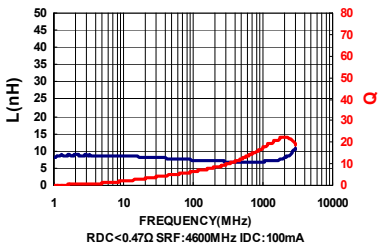
RDC<0.40Ω SRF:5800MHz IDC:100mA

CLH0603T-8N2J-W



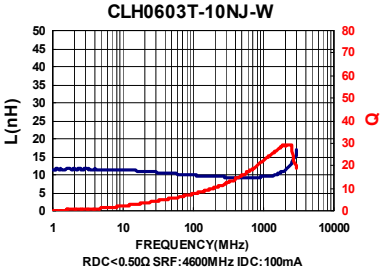
RDC<0.44Ω SRF:5800MHz IDC:100mA

CLH0603T-9N1J-W



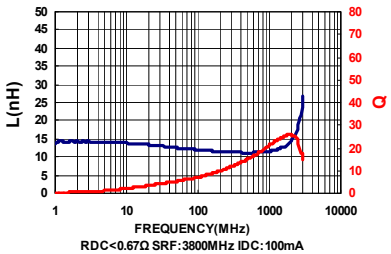
RDC<0.47Ω SRF:4600MHz IDC:100mA

CLH0603T-10NJ-W



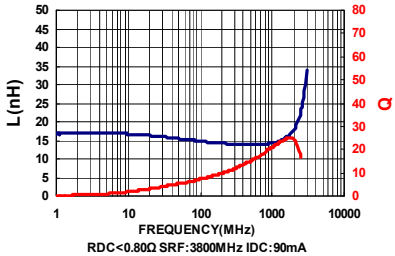
RDC<0.50Ω SRF:4600MHz IDC:100mA

CLH0603T-12NJ-W



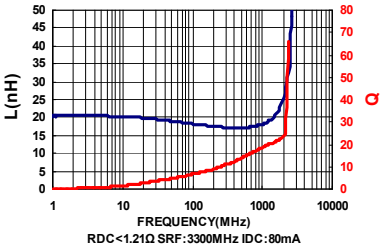
RDC<0.67Ω SRF:3800MHz IDC:100mA

CLH0603T-15NJ-W



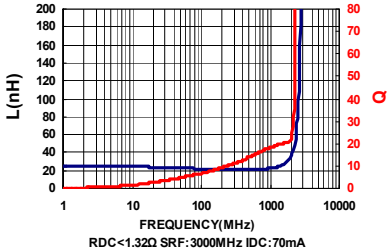
RDC<0.80Ω SRF:3800MHz IDC:90mA

CLH0603T-18NJ-W



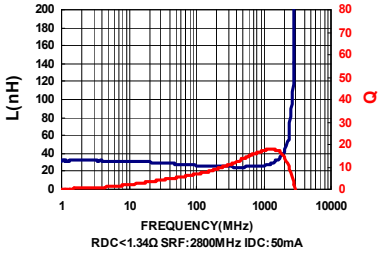
RDC<1.21Ω SRF:3300MHz IDC:80mA

CLH0603T-22NJ-W



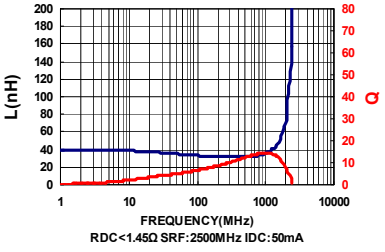
RDC<1.32Ω SRF:3000MHz IDC:70mA

CLH0603T-27NJ-W



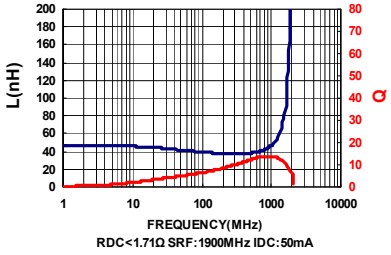
RDC<1.34Ω SRF:2800MHz IDC:50mA

CLH0603T-33NJ-W



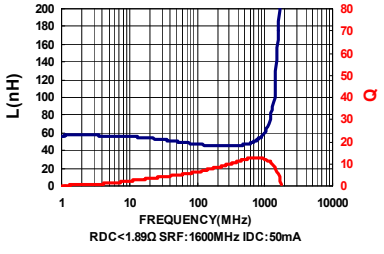
RDC<1.45Ω SRF:2500MHz IDC:50mA

CLH0603T-39NJ-W



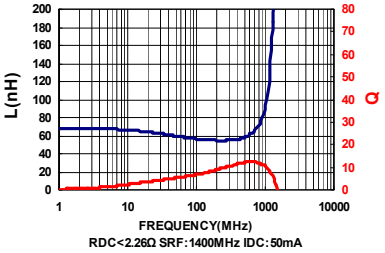
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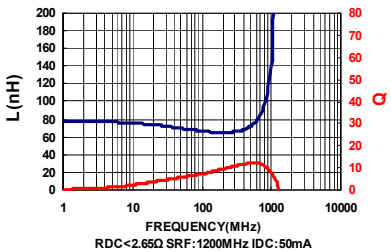
RDC<1.89Ω SRF:1600MHz IDC:50mA

CLH0603T-56NJ-W



RDC<2.26Ω SRF:1400MHz IDC:50mA

CLH0603T-68NJ-W



RDC<2.65Ω SRF:1200MHz IDC:50mA

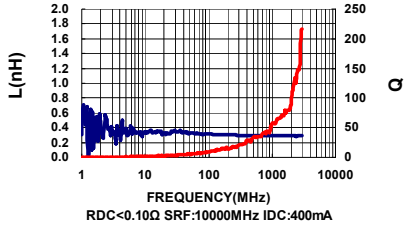
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min At 100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
CLH1005T-0N2□-S	0.2	S	8	10000	0.10	400
CLH1005T-0N3□-S	0.3	S	8	10000	0.10	400
CLH1005T-0N4□-S	0.4	S	8	10000	0.10	400
CLH1005T-0N5□-S	0.5	S	8	10000	0.10	400
CLH1005T-0N6□-S	0.6	S	8	10000	0.10	400
CLH1005T-0N7□-S	0.7	S	8	10000	0.10	400
CLH1005T-0N8□-S	0.8	S	8	10000	0.10	400
CLH1005T-1N0□-S	1.0	S	8	10000	0.10	400
CLH1005T-1N2□-S	1.2	S	8	10000	0.10	400
CLH1005T-1N5□-S	1.5	S	8	9000	0.10	400
CLH1005T-1N8□-S	1.8	S	8	8700	0.10	400
CLH1005T-2N0□-S	2.0	S	8	8100	0.15	400
CLH1005T-2N2□-S	2.2	S	8	8100	0.15	400
CLH1005T-2N4□-S	2.4	S	8	7700	0.15	400
CLH1005T-2N7□-S	2.7	S	8	7700	0.15	400
CLH1005T-3N0□-S	3.0	S	8	6300	0.15	400
CLH1005T-3N3□-S	3.3	S / K	8	6300	0.15	400
CLH1005T-3N6□-S	3.6	S / K	8	6100	0.15	400
CLH1005T-3N9□-S	3.9	S / K	8	6100	0.20	400
CLH1005T-4N3□-S	4.3	S / K	8	5400	0.20	400
CLH1005T-4N7□-S	4.7	S / K	8	5400	0.20	400
CLH1005T-5N6□-S	5.6	S / K	8	5100	0.20	400
CLH1005T-6N8□-S	6.8	J / K	8	4550	0.25	400
CLH1005T-8N2□-S	8.2	J / K	8	4100	0.30	300
CLH1005T-10N□-S	10	J / K	8	3900	0.35	300
CLH1005T-12N□-S	12	J / K	8	3000	0.40	300
CLH1005T-15N□-S	15	J / K	8	2800	0.50	300
CLH1005T-18N□-S	18	J / K	8	2500	0.55	300
CLH1005T-22N□-S	22	J / K	8	2200	0.70	300
CLH1005T-27N□-S	27	J / K	8	2000	0.80	300
CLH1005T-33N□-S	33	J / K	8	1800	0.9	200
CLH1005T-39N□-S	39	J / K	8	1600	1.0	150
CLH1005T-47N□-S	47	J / K	8	1400	1.2	150
CLH1005T-56N□-S	56	J / K	8	1300	1.3	150
CLH1005T-68N□-S	68	J / K	8	1100	1.5	100
CLH1005T-82N□-S	82	J / K	8	1000	1.6	100
CLH1005T-R10□-S	100	J / K	8	900	2.0	100
CLH1005T-R12□-S	120	J / K	8	800	2.2	100

- Tolerance：S = ± 0.3nH , J = ± 5% , K = ± 10%
- Test Instruments： L/Q：Agilent E4991A Fixture：Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B/ CH502BC

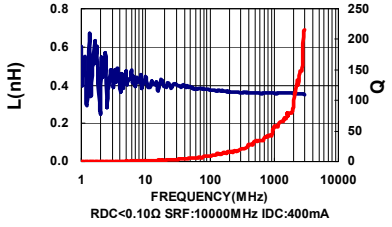
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1005T-0N2S-S



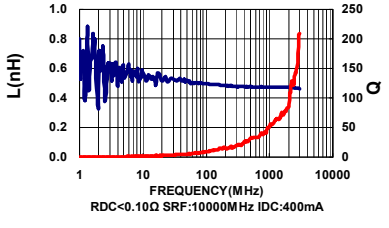
RDC<0.10Ω SRF:10000MHz IDC:400mA

CLH1005T-0N3S-S



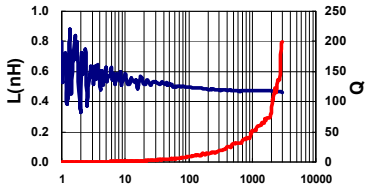
RDC<0.10Ω SRF:10000MHz IDC:400mA

CLH1005T-0N4S-S



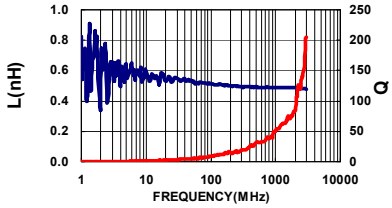
RDC<0.10Ω SRF:10000MHz IDC:400mA

CLH1005T-0N5S-S



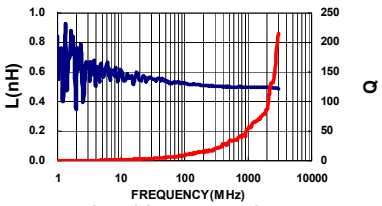
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CLH1005T-0N6S-S



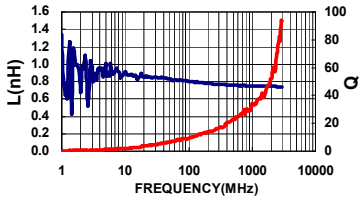
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CLH1005T-0N7S-S



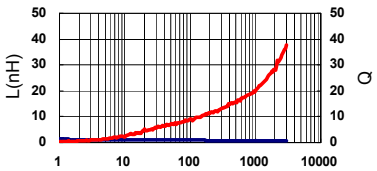
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CLH1005T-0N8S-S



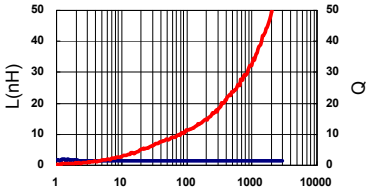
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CLH1005T-1N0S-S



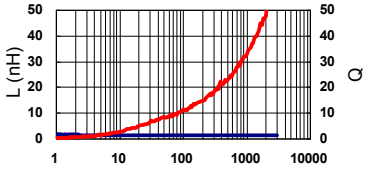
FREQUENCY(MHz)
RDC<0.1Ω SRF:10000MHz IDC:400mA

CLH1005T-1N2S-S



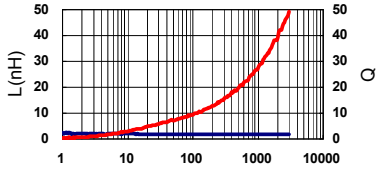
FREQUENCY(MHz)
RDC<0.1Ω SER:10000MHz IDC:400mA

CLH1005T-1N5S-S



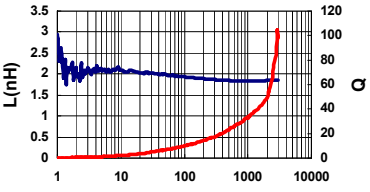
FREQUENCY(MHz)
RDC<0.1Ω SRF:9000MHz IDC:400mA

CLH1005T-1N8S-S



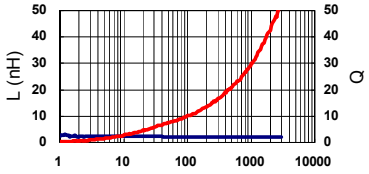
FREQUENCY(MHz)
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CLH1005T-2N0S-S



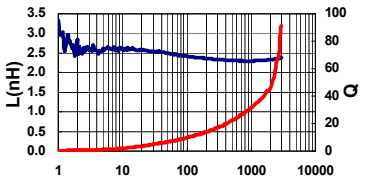
FREQUENCY(MHz)
RDC<0.15 Ω SRF:8100MHz IDC:400 mA

CLH1005T-2N2S-S



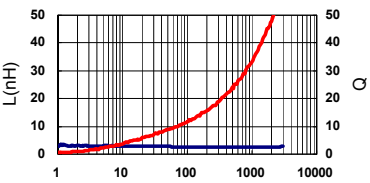
FREQUENCY(MHz)
RDC<0.15Ω SRF:8100MHz IDC:400mA

CLH1005T-2N4S-S



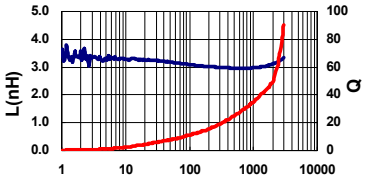
RDC<0.15Ω SRF:7700MHz IDC:400mA

CLH1005T-2N7S-S



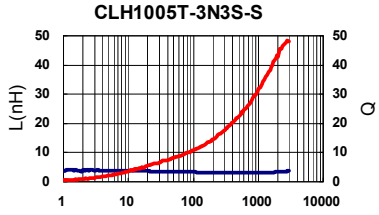
FREQUENCY(MHz)
RDC<0.15Ω SRF:7700MHz IDC:400mA

CLH1005T-3N0S-S



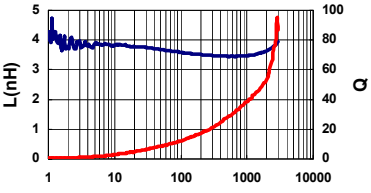
RDC<0.15Ω SRF:6300MHz IDC:400mA

CLH1005T-3N3S-S



FREQUENCY(MHz)
RDC<0.15Ω SRF:6300MHz IDC:400mA

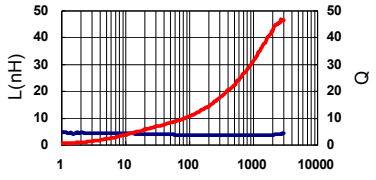
CLH1005T-3N6S-S



FREQUENCY(MHz)
RDC<0.15Ω SRF:6100MHz IDC:400 mA

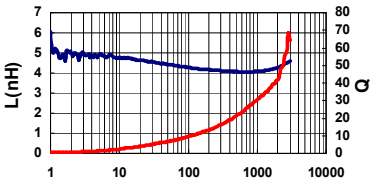
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1005T-3N9S-S



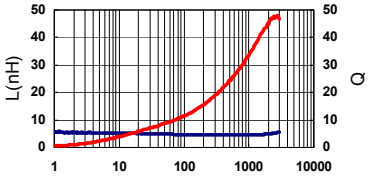
RDC<0.2Ω SRF:6100MHz IDC:400mA

CLH1005T-4N3S-S



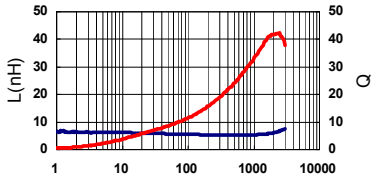
RDC<0.20Ω SRF:5400MHz IDC:400mA

CLH1005T-4N7S-S



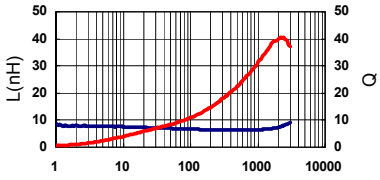
RDC<0.2Ω SRF:5400MHz IDC:400mA

CLH1005T-5N6S-S



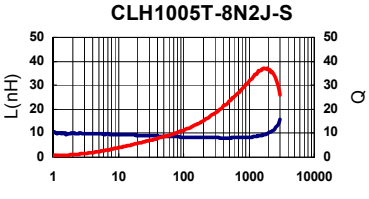
RDC<0.2Ω SRF:5100MHz IDC:400mA

CLH1005T-6N8J-S



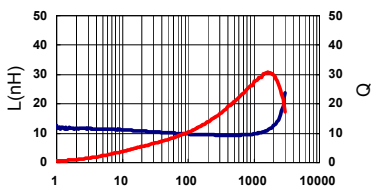
RDC<0.25Ω SRF:4550MHz IDC:400mA

CLH1005T-8N2J-S



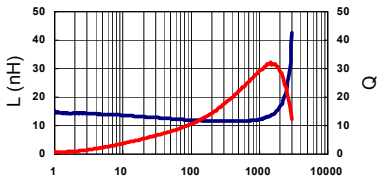
RDC<0.3Ω SRF:4100MHz IDC:300mA

CLH1005T-10NJ-S



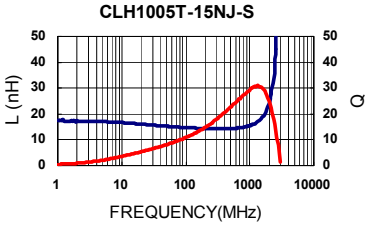
RDC<0.35Ω SRF:3900MHz IDC:300mA

CLH1005T-12NJ-S



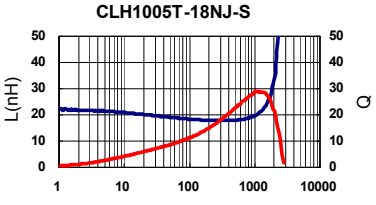
RDC<0.4Ω SRF:3000MHz IDC:300mA

CLH1005T-15NJ-S



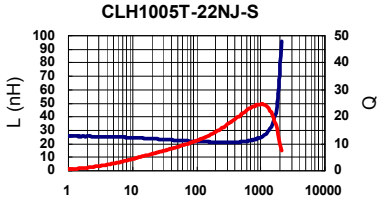
RDC<0.5Ω SRF:2800MHz IDC:300mA

CLH1005T-18NJ-S



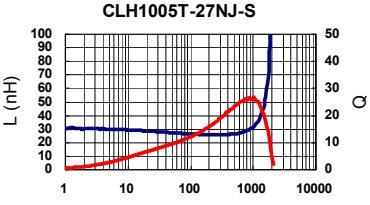
RDC<0.55Ω SRF:2500MHz IDC:300mA

CLH1005T-22NJ-S



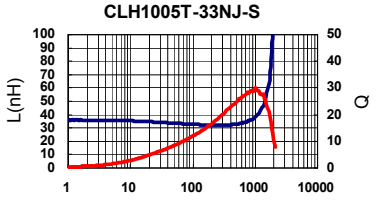
RDC<0.7Ω SRF:2200MHz IDC:300mA

CLH1005T-27NJ-S



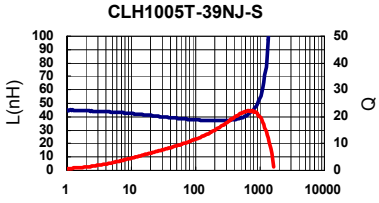
RDC<0.8Ω SRF:2000MHz IDC:300mA

CLH1005T-33NJ-S



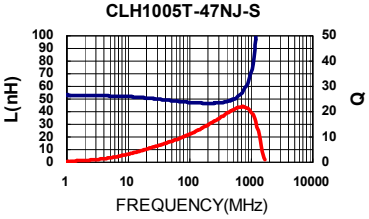
RDC<0.9Ω SRF:1800MHz IDC:200mA

CLH1005T-39NJ-S



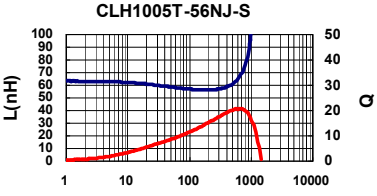
RDC<1.0Ω SRF:1600MHz IDC:150mA

CLH1005T-47NJ-S



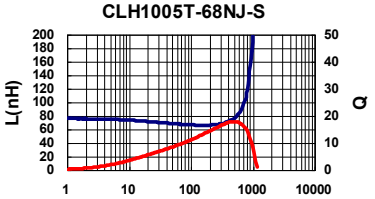
RDC:1.2Ω SRF:1400MHz IDC:150mA

CLH1005T-56NJ-S



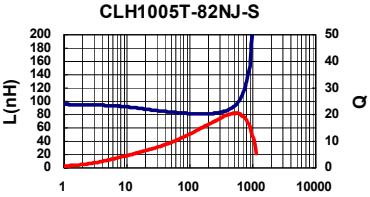
RDC<1.3Ω SRF:1300MHz IDC:150mA

CLH1005T-68NJ-S



RDC<1.5Ω SRF:1100MHz IDC:100mA

CLH1005T-82NJ-S



RDC<1.6Ω SRF:1000MHz IDC:100mA

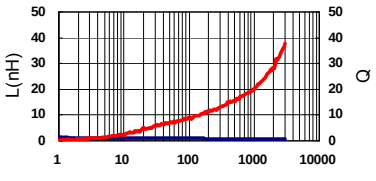
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min At 100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
CLH1005T-1N0□-H	1.0	S	8	10000	0.10	400
CLH1005T-1N2□-H	1.2	S	8	10000	0.10	400
CLH1005T-1N5□-H	1.5	S	8	9000	0.10	400
CLH1005T-1N8□-H	1.8	S	8	8700	0.10	400
CLH1005T-2N2□-H	2.2	S	8	8100	0.15	400
CLH1005T-2N7□-H	2.7	S	8	7700	0.15	400
CLH1005T-3N0□-H	3.0	S	8	6300	0.15	400
CLH1005T-3N3□-H	3.3	S / K	8	6300	0.15	400
CLH1005T-3N9□-H	3.9	S / K	8	6100	0.20	400
CLH1005T-4N7□-H	4.7	S / K	8	5400	0.20	400
CLH1005T-5N6□-H	5.6	S / K	8	5100	0.20	400
CLH1005T-6N8□-H	6.8	J / K	8	4550	0.25	400
CLH1005T-8N2□-H	8.2	J / K	8	4100	0.30	300
CLH1005T-10N□-H	10	J / K	8	3900	0.35	300
CLH1005T-12N□-H	12	J / K	8	3000	0.40	300
CLH1005T-15N□-H	15	J / K	8	2800	0.50	300
CLH1005T-18N□-H	18	J / K	8	2500	0.55	300
CLH1005T-22N□-H	22	J / K	8	2200	0.70	300
CLH1005T-27N□-H	27	J / K	8	2000	0.80	300
CLH1005T-33N□-H	33	J / K	8	1800	0.9	200
CLH1005T-39N□-H	39	J / K	8	1600	1.0	150
CLH1005T-47N□-H	47	J / K	8	1400	1.2	150
CLH1005T-56N□-H	56	J / K	8	1300	1.3	150
CLH1005T-68N□-H	68	J / K	8	1100	1.5	100
CLH1005T-82N□-H	82	J / K	8	1000	1.6	100
CLH1005T-R10□-H	100	J / K	8	900	2.0	100
CLH1005T-R12□-H	120	J / K	8	800	2.2	100

- Tolerance：S = ± 0.3nH , J = ± 5% , K = ± 10%
- Test Instruments： L/Q：Agilent E4991A Fixture：Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B/ CH502BC

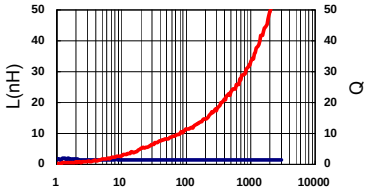
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1005T-1N0S-H



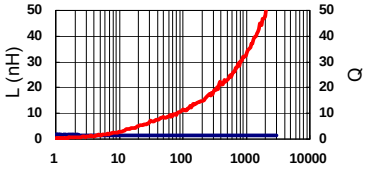
FREQUENCY(MHz)
RDC<0.1Ω SRF:10000MHz IDC:400mA

CLH1005T-1N2S-H



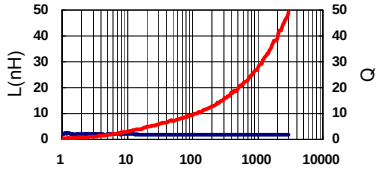
FREQUENCY(MHz)
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CLH1005T-1N5S-H



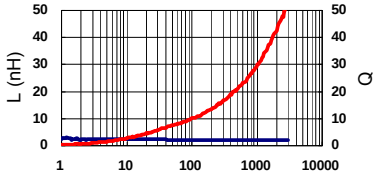
FREQUENCY(MHz)
RDC<0.1Ω SRF:9000MHz IDC:400mA

CLH1005T-1N8S-H



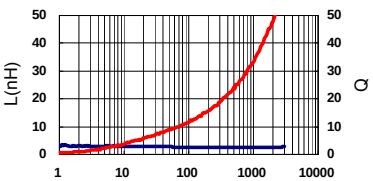
FREQUENCY(MHz)
RDC<0.1Ω SRF:8700MHz IDC:400mA

CLH1005T-2N2S-H



FREQUENCY(MHz)
RDC<0.15Ω SRF:8100MHz IDC:400mA

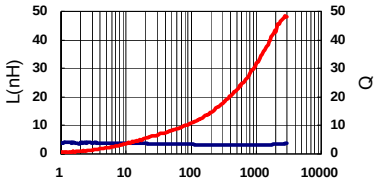
CLH1005T-2N7S-H



FREQUENCY(MHz)
RDC<0.15Ω SRF:7700MHz IDC:400mA

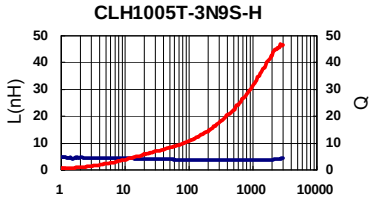
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1005T-3N3S-H



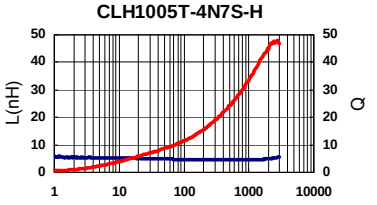
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CLH1005T-3N9S-H



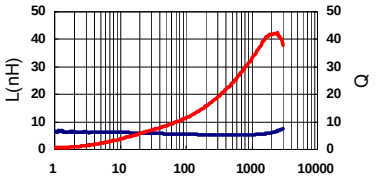
RDC<0.2Ω SRF:6100MHz IDC:400mA

CLH1005T-4N7S-H



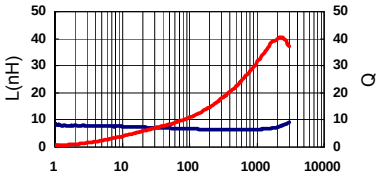
RDC<0.2Ω SRF:5400MHz IDC:400mA

CLH1005T-5N6S-H



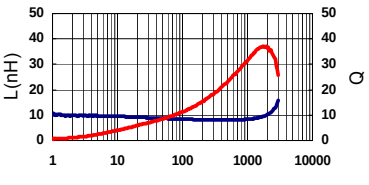
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CLH1005T-6N8J-H



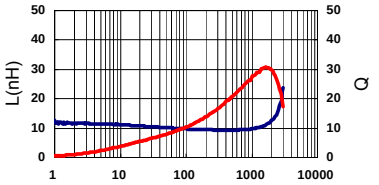
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CLH1005T-8N2J-H



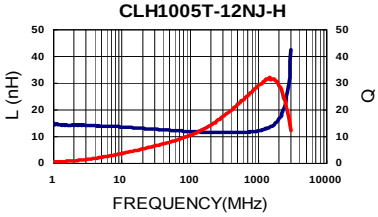
RDC<0.3Ω SRF:4100MHz IDC:300mA

CLH1005T-10NJ-H



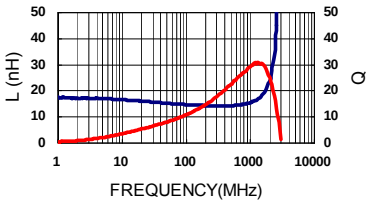
RDC<0.35Ω SRF:3900MHz IDC:300mA

CLH1005T-12NJ-H



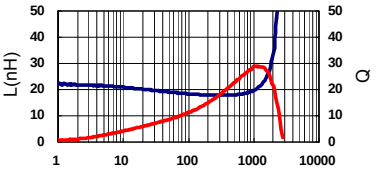
RDC<0.4Ω SRF:3000MHz IDC:300mA

CLH1005T-15NJ-H



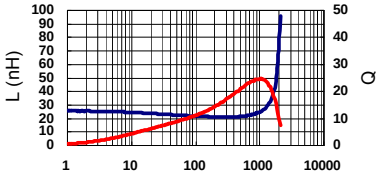
RDC<0.5Ω SRF:2800MHz IDC:300mA

CLH1005T-18NJ-H



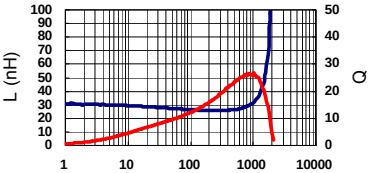
RDC<0.55Ω SRF:2500MHz IDC:300mA

CLH1005T-22NJ-H



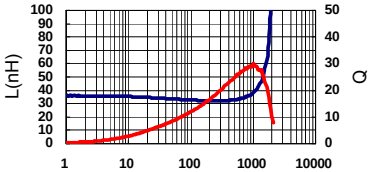
RDC<0.7Ω SRF:2200MHz IDC:300mA

CLH1005T-27NJ-H



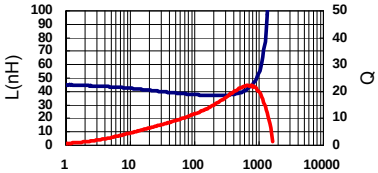
RDC<0.8Ω SRF:2000MHz IDC:300mA

CLH1005T-33NJ-H



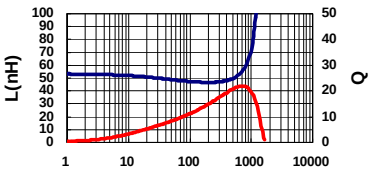
RDC<0.9Ω SRF:1800MHz IDC:200mA

CLH1005T-39NJ-H



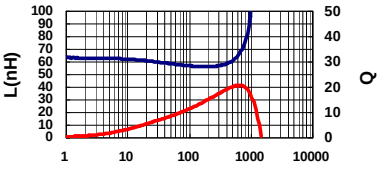
RDC<1.0Ω SRF:1600MHz IDC:150mA

CLH1005T-47NJ-H



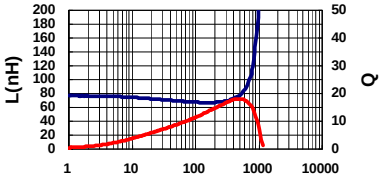
RDC:1.2Ω SRF:1400MHz IDC:150mA

CLH1005T-56NJ-H



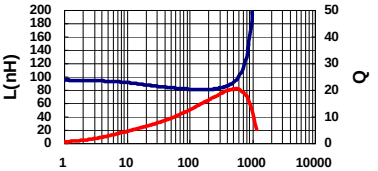
RDC<1.3Ω SRF:1300MHz IDC:150mA

CLH1005T-68NJ-H



RDC<1.5Ω SRF:1100MHz IDC:100mA

CLH1005T-82NJ-H



RDC<1.6Ω SRF:1000MHz IDC:100mA

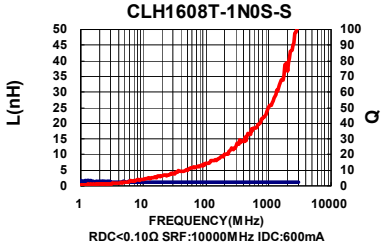
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min		SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
			at 50MHz	at 100MHz			
CLH1608T-1N0S-S	1.0	S		8	10000	0.10	600
CLH1608T-1N2S-S	1.2	S		8	10000	0.10	600
CLH1608T-1N5S-S	1.5	S		8	8000	0.10	600
CLH1608T-1N8S-S	1.8	S		8	8000	0.10	600
CLH1608T-2N2S-S	2.2	S		8	7200	0.10	600
CLH1608T-2N7S-S	2.7	S		10	6200	0.10	600
CLH1608T-3N3□-S	3.3	S/ K		10	5200	0.12	600
CLH1608T-3N9□-S	3.9	S/ K		10	5000	0.14	600
CLH1608T-4N7□-S	4.7	S/ K		10	4750	0.16	600
CLH1608T-5N6□-S	5.6	S/ K		10	4100	0.18	600
CLH1608T-6N8□-S	6.8	J/ K		10	3750	0.22	600
CLH1608T-8N2□-S	8.2	J/ K		10	3300	0.24	600
CLH1608T-10N□-S	10	J/ K		12	3000	0.26	600
CLH1608T-12N□-S	12	J/ K		12	2600	0.28	600
CLH1608T-15N□-S	15	J/ K		12	2500	0.32	600
CLH1608T-18N□-S	18	J/ K		12	2400	0.35	600
CLH1608T-22N□-S	22	J/ K		12	2000	0.40	500
CLH1608T-27N□-S	27	J/ K		12	1900	0.45	500
CLH1608T-33N□-S	33	J/ K		12	1600	0.55	400
CLH1608T-39N□-S	39	J/ K		12	1400	0.60	400
CLH1608T-47N□-S	47	J/ K		12	1300	0.70	400
CLH1608T-56N□-S	56	J/ K		12	1100	0.75	400
CLH1608T-62N□-S	62	J/ K		12	1050	0.85	400
CLH1608T-68N□-S	68	J/ K		12	1050	0.85	400
CLH1608T-82N□-S	82	J/ K		12	900	1.00	300
CLH1608T-R10□-S	100	J/ K		12	770	1.20	300
CLH1608T-R12□-S	*120	J/ K	8		650	1.30	300
CLH1608T-R15□-S	*150	J/ K	8		550	1.70	250
CLH1608T-R18□-S	*180	J/ K	8		520	1.90	250
CLH1608T-R22□-S	*220	J/ K	8		500	2.00	250
CLH1608T-R27□-S	*270	J/ K	8		470	2.20	150
CLH1608T-R33□-S	*330	J/ K	8		320	2.80	100
CLH1608T-R39□-S	*390	J/ K	8		300	3.00	100

- * at 50MHz
- Tolerance：S = ± 0.3 nH；J = ± 5%；K = ± 10%
- Test Instruments： L/Q： L/Q：Agilent E4991A Fixture：Agilent 16197A
  SRF： HP8753D RDC： HP4338B/ CH502BC

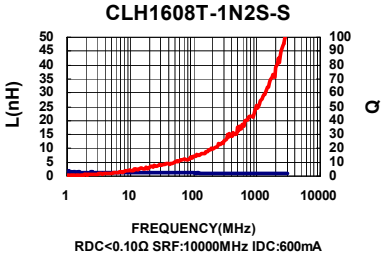
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-1N0S-S



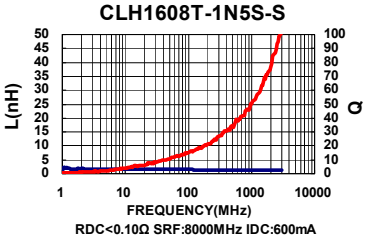
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N2S-S



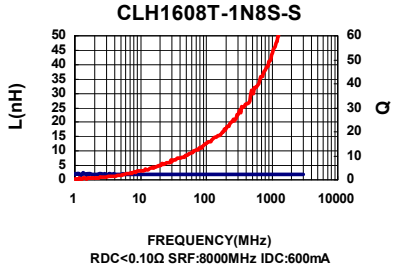
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N5S-S



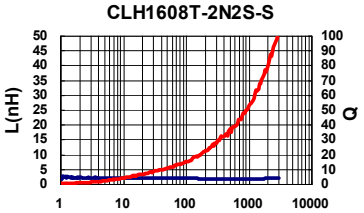
RDC<0.10Ω SRF:8000MHz IDC:600mA

CLH1608T-1N8S-S



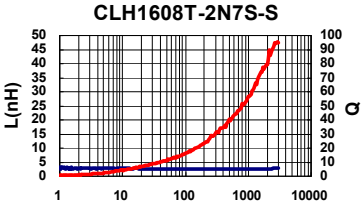
RDC<0.10Ω SRF:8000MHz IDC:600mA

CLH1608T-2N2S-S



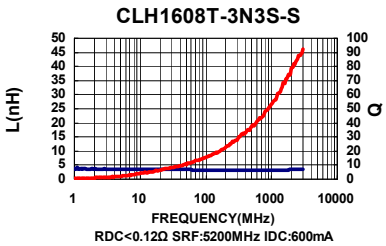
RDC<0.10Ω SRF:7200MHz IDC:600mA

CLH1608T-2N7S-S



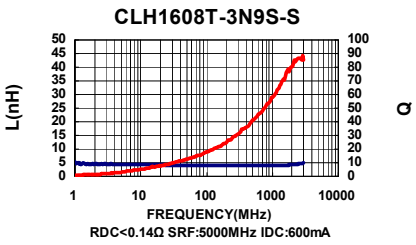
RDC<0.10Ω SRF:6200MHz IDC:600mA

CLH1608T-3N3S-S



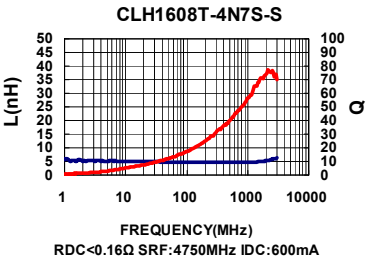
RDC<0.12Ω SRF:5200MHz IDC:600mA

CLH1608T-3N9S-S



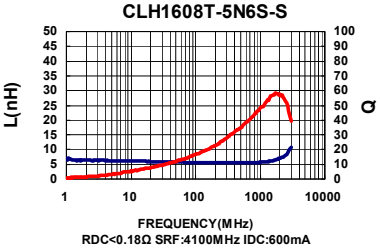
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CLH1608T-4N7S-S



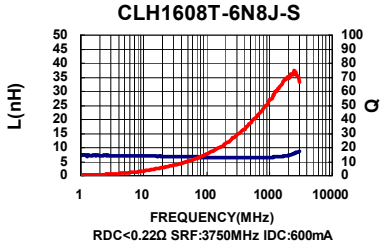
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CLH1608T-5N6S-S



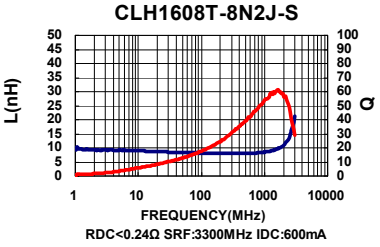
RDC<0.18Ω SRF:4100MHz IDC:600mA

CLH1608T-6N8J-S



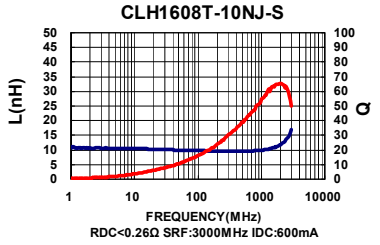
RDC<0.22Ω SRF:3750MHz IDC:600mA

CLH1608T-8N2J-S



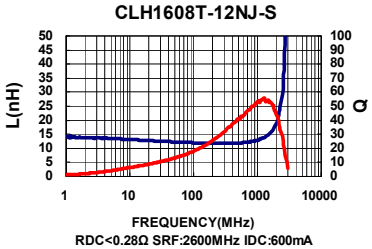
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CLH1608T-10NJ-S



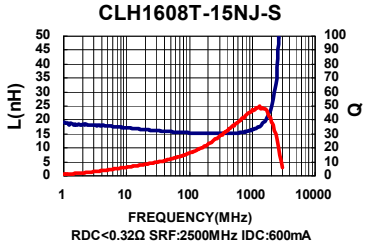
RDC<0.26Ω SRF:3000MHz IDC:600mA

CLH1608T-12NJ-S



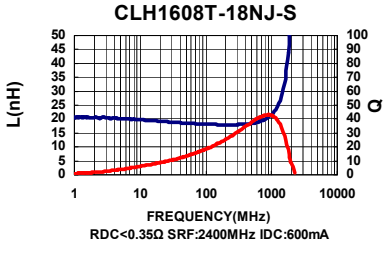
RDC<0.28Ω SRF:2600MHz IDC:600mA

CLH1608T-15NJ-S



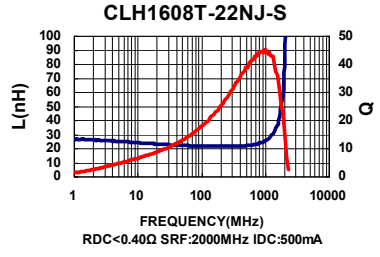
RDC<0.32Ω SRF:2500MHz IDC:600mA

CLH1608T-18NJ-S



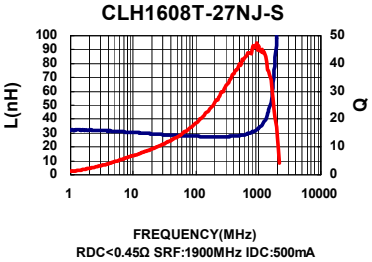
RDC<0.35Ω SRF:2400MHz IDC:600mA

CLH1608T-22NJ-S



RDC<0.40Ω SRF:2000MHz IDC:500mA

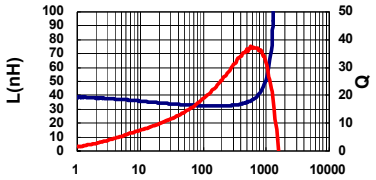
CLH1608T-27NJ-S



RDC<0.45Ω SRF:1900MHz IDC:500mA

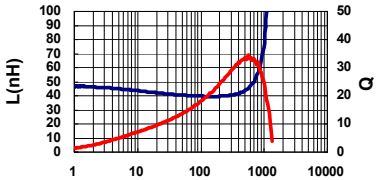
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-33NJ-S



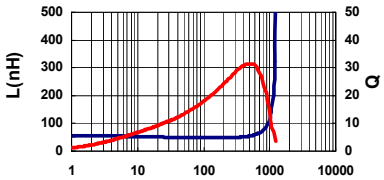
RDC<0.55Ω SRF:1600MHz IDC:400mA

CLH1608T-39NJ-S



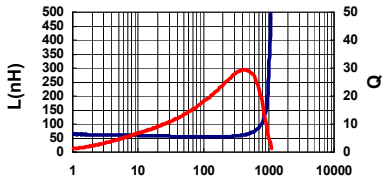
RDC<0.60Ω SRF:1400MHz IDC:400mA

CLH1608T-47NJ-S



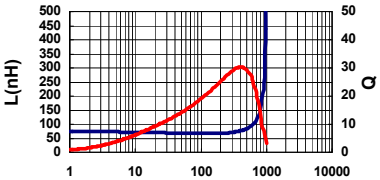
RDC<0.70Ω SRF:1300MHz IDC:400mA

CLH1608T-56NJ-S



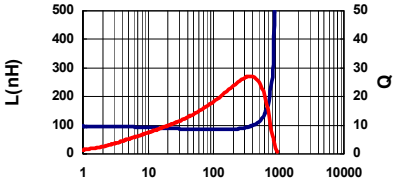
RDC<0.75Ω SRF:1100MHz IDC:400mA

CLH1608T-68NJ-S



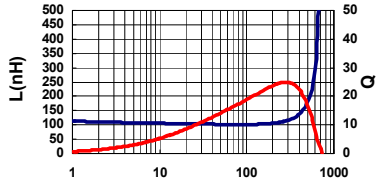
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CLH1608T-82NJ-S



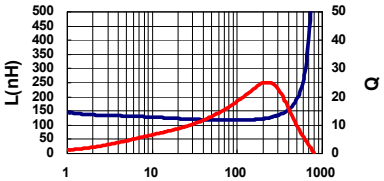
RDC<1.0Ω SRF:900MHz IDC:300mA

CLH1608T-R10J-S



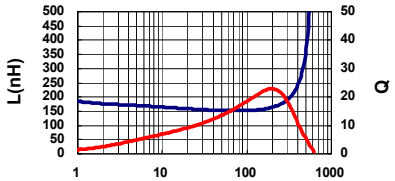
RDC<1.2Ω SRF:770MHz IDC:300mA

CLH1608T-R12J-S



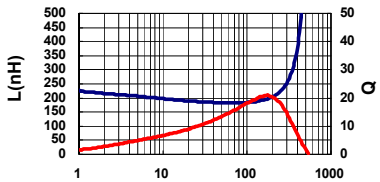
RDC<1.3Ω SRF:650MHz IDC:300mA

CLH1608T-R15J-S



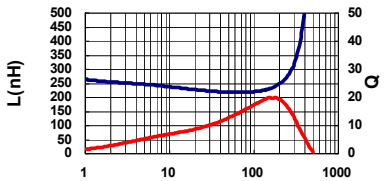
RDC<1.7Ω SRF:550MHz IDC:250mA

CLH1608T-R18J-S



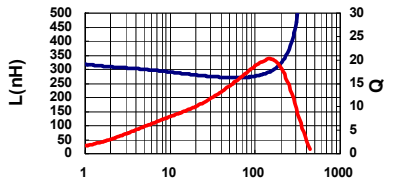
RDC<1.9Ω SRF:520MHz IDC:250mA

CLH1608T-R22J-S



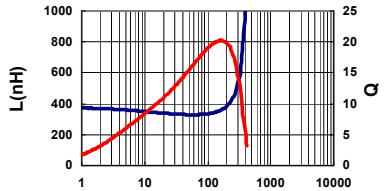
RDC<2.0Ω SRF:500MHz IDC:250mA

CLH1608T-R27J-S



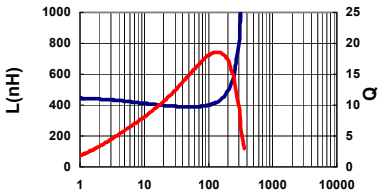
RDC<2.2 Ω SRF:470MHz IDC:150mA

CLH1608T-R33J-S



RDC<2.8Ω SRF:320MHz IDC:100mA

CLH1608T-R39J-S



RDC<3.0Ω SRF:300MHz IDC:100mA

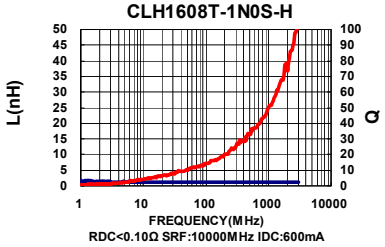
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min at 50MHz	Q Min at 100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
CLH1608T-1N0S-H	1.0	S		8	10000	0.10	600
CLH1608T-1N2S-H	1.2	S		8	10000	0.10	600
CLH1608T-1N5S-H	1.5	S		8	8000	0.10	600
CLH1608T-1N8S-H	1.8	S		8	8000	0.10	600
CLH1608T-2N2S-H	2.2	S		8	7200	0.10	600
CLH1608T-2N7S-H	2.7	S		10	6200	0.10	600
CLH1608T-3N3□-H	3.3	S/ K		10	5200	0.12	600
CLH1608T-3N9□-H	3.9	S/ K		10	5000	0.14	600
CLH1608T-4N7□-H	4.7	S/ K		10	4750	0.16	600
CLH1608T-5N6□-H	5.6	S/ K		10	4100	0.18	600
CLH1608T-6N8□-H	6.8	J/ K		10	3750	0.22	600
CLH1608T-8N2□-H	8.2	J/ K		10	3300	0.24	600
CLH1608T-10N□-H	10	J/ K		12	3000	0.26	600
CLH1608T-12N□-H	12	J/ K		12	2600	0.28	600
CLH1608T-15N□-H	15	J/ K		12	2500	0.32	600
CLH1608T-18N□-H	18	J/ K		12	2400	0.35	600
CLH1608T-22N□-H	22	J/ K		12	2000	0.40	500
CLH1608T-27N□-H	27	J/ K		12	1900	0.45	500
CLH1608T-33N□-H	33	J/ K		12	1600	0.55	400
CLH1608T-39N□-H	39	J/ K		12	1400	0.60	400
CLH1608T-47N□-H	47	J/ K		12	1300	0.70	400
CLH1608T-56N□-H	56	J/ K		12	1100	0.75	400
CLH1608T-62N□-H	62	J/ K		12	1050	0.85	400
CLH1608T-68N□-H	68	J/ K		12	1050	0.85	400
CLH1608T-82N□-H	82	J/ K		12	900	1.00	300
CLH1608T-R10□-H	100	J/ K		12	770	1.20	300
CLH1608T-R12□-H	*120	J/ K	8		650	1.30	300
CLH1608T-R15□-H	*150	J/ K	8		550	1.70	250
CLH1608T-R18□-H	*180	J/ K	8		520	1.90	250
CLH1608T-R22□-H	*220	J/ K	8		500	2.00	250
CLH1608T-R27□-H	*270	J/ K	8		470	2.20	150
CLH1608T-R33□-H	*330	J/ K	8		320	2.80	100
CLH1608T-R39□-H	*390	J/ K	8		300	3.00	100

- * at 50MHz
- Tolerance：S = ± 0.3 nH；J = ± 5%；K = ± 10%
- Test Instruments： L/Q： L/Q：Agilent E4991A Fixture：Agilent 16197A
  SRF： HP8753D
  RDC： HP4338B/ CH502BC

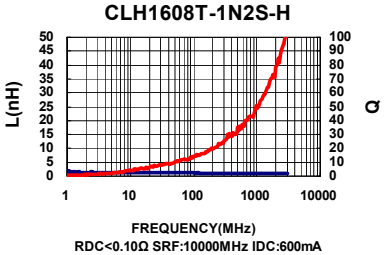
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-1N0S-H



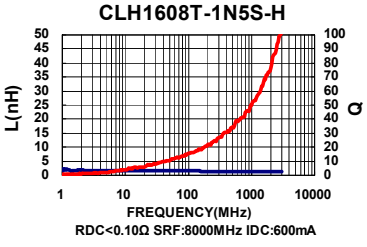
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N2S-H



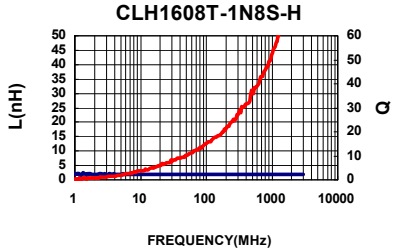
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N5S-H



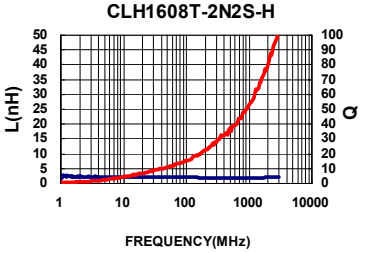
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CLH1608T-1N8S-H



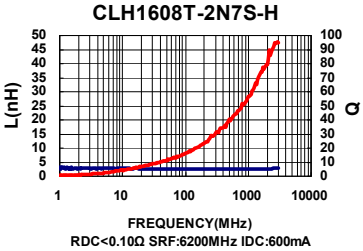
RDC<0.10Ω SRF:8000MHz IDC:600mA

CLH1608T-2N2S-H



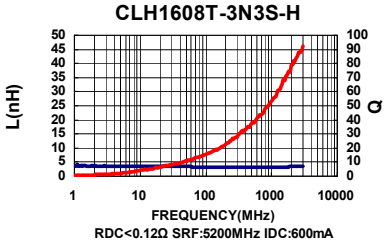
RDC<0.10Ω SRF:7200MHz IDC:600mA

CLH1608T-2N7S-H



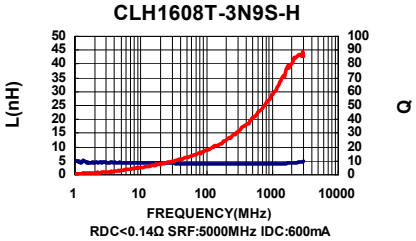
RDC<0.10Ω SRF:6200MHz IDC:600mA

CLH1608T-3N3S-H



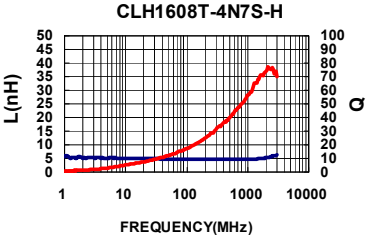
RDC<0.12Ω SRF:5200MHz IDC:600mA

CLH1608T-3N9S-H



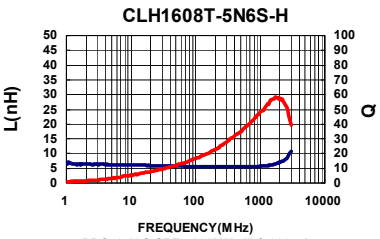
RDC<0.14Ω SRF:5000MHz IDC:600mA

CLH1608T-4N7S-H



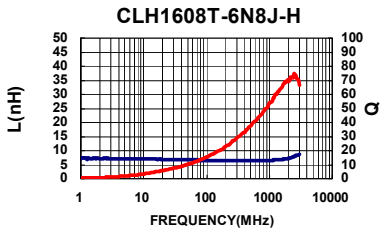
RDC<0.16Ω SRF:4750MHz IDC:600mA

CLH1608T-5N6S-H



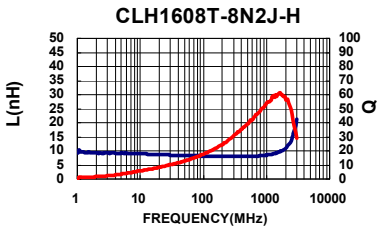
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CLH1608T-6N8J-H



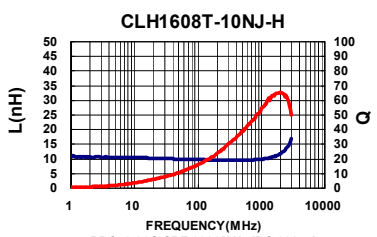
RDC<0.22Ω SRF:3750MHz IDC:600mA

CLH1608T-8N2J-H



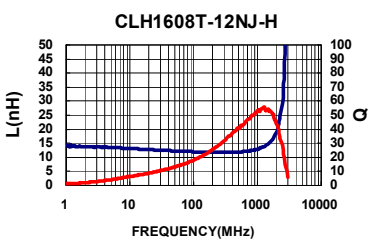
RDC<0.24Ω SRF:3300MHz IDC:600mA

CLH1608T-10NJ-H



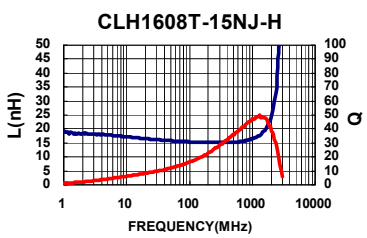
RDC<0.26Ω SRF:3000MHz IDC:600mA

CLH1608T-12NJ-H



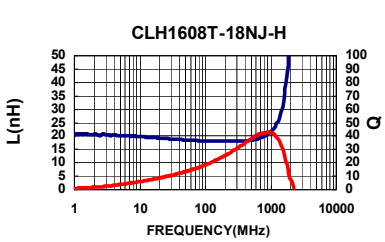
RDC<0.28Ω SRF:2600MHz IDC:600mA

CLH1608T-15NJ-H



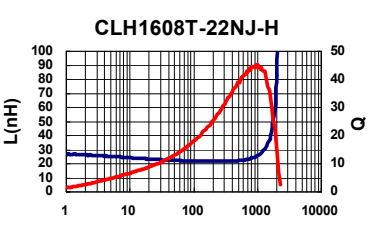
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CLH1608T-18NJ-H



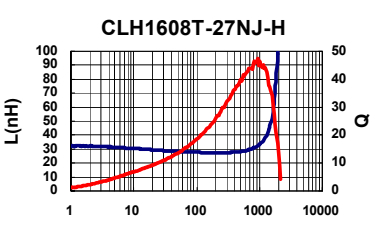
RDC<0.35Ω SRF:2400MHz IDC:600mA

CLH1608T-22NJ-H



RDC<0.40Ω SRF:2000MHz IDC:500mA

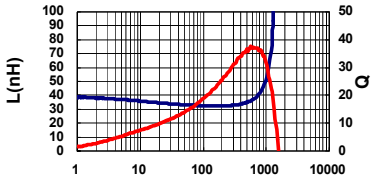
CLH1608T-27NJ-H



RDC<0.45Ω SRF:1900MHz IDC:500mA

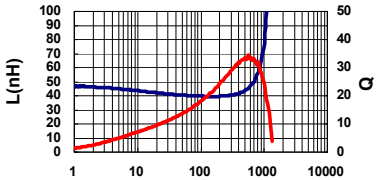
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-33NJ-H



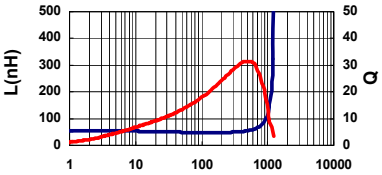
RDC<0.55Ω SRF:1600MHz IDC:400mA

CLH1608T-39NJ-H



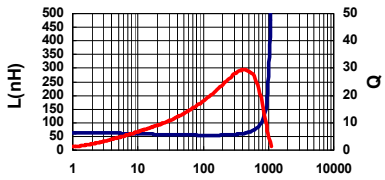
RDC<0.60Ω SRF:1400MHz IDC:400mA

CLH1608T-47NJ-H



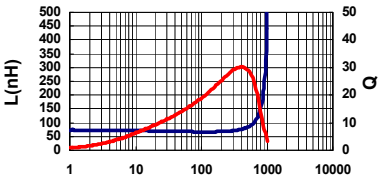
RDC<0.70Ω SRF:1300MHz IDC:400mA

CLH1608T-56NJ-H



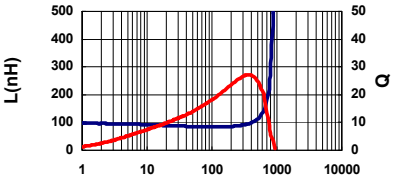
RDC<0.75Ω SRF:1100MHz IDC:400mA

CLH1608T-68NJ-H



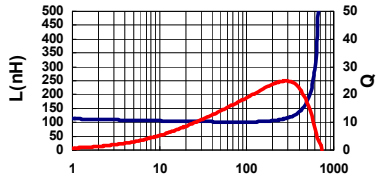
RDC<0.85Ω SRF:1050MHz IDC:400mA

CLH1608T-82NJ-H



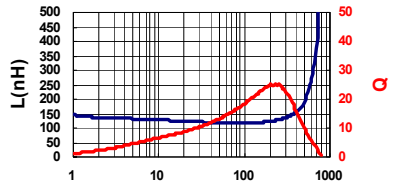
RDC<1.0Ω SRF:900MHz IDC:300mA

CLH1608T-R10J-H



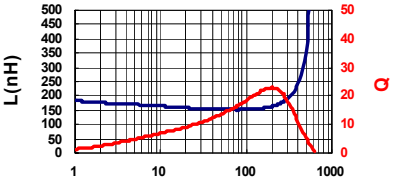
RDC<1.2Ω SRF:770MHz IDC:300mA

CLH1608T-R12J-H



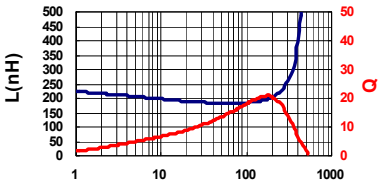
RDC<1.3Ω SRF:650MHz IDC:300mA

CLH1608T-R15J-H



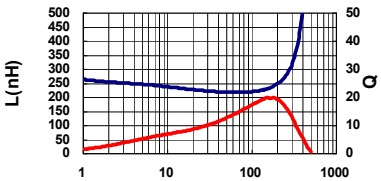
RDC<1.7Ω SRF:550MHz IDC:250mA

CLH1608T-R18J-H



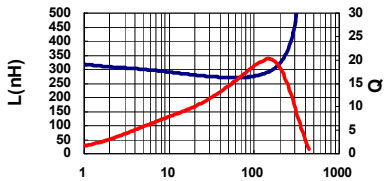
RDC<1.9Ω SRF:520MHz IDC:250mA

CLH1608T-R22J-H



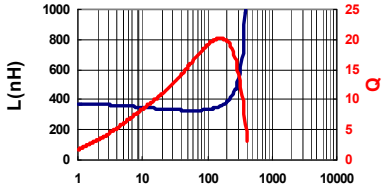
RDC<2.0Ω SRF:500MHz IDC:250mA

CLH1608T-R27J-H



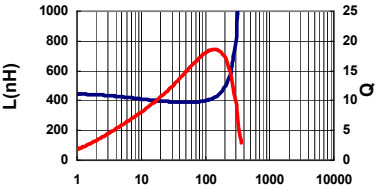
RDC<2.2 Ω SRF:470MHz IDC:150mA

CLH1608T-R33J-H



RDC<2.8Ω SRF:320MHz IDC:100mA

CLH1608T-R39J-H



RDC<3.0Ω SRF:300MHz IDC:100mA

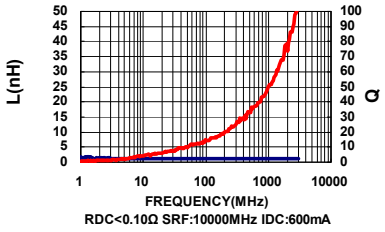
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min at 50MHz	Q Min at 100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
CLH1608T-1N0S-W	1.0	S		8	10000	0.10	600
CLH1608T-1N2S-W	1.2	S		8	10000	0.10	600
CLH1608T-1N5S-W	1.5	S		8	8000	0.10	600
CLH1608T-1N8S-W	1.8	S		8	8000	0.10	600
CLH1608T-2N2S-W	2.2	S		8	7200	0.10	600
CLH1608T-2N7S-W	2.7	S		10	6200	0.10	600
CLH1608T-3N3□-W	3.3	S/ K		10	5200	0.12	600
CLH1608T-3N9□-W	3.9	S/ K		10	5000	0.14	600
CLH1608T-4N7□-W	4.7	S/ K		10	4750	0.16	600
CLH1608T-5N6□-W	5.6	S/ K		10	4100	0.18	600
CLH1608T-6N8□-W	6.8	J/ K		10	3750	0.22	600
CLH1608T-8N2□-W	8.2	J/ K		10	3300	0.24	600
CLH1608T-10N□-W	10	J/ K		12	3000	0.26	600
CLH1608T-12N□-W	12	J/ K		12	2600	0.28	600
CLH1608T-15N□-W	15	J/ K		12	2500	0.32	600
CLH1608T-18N□-W	18	J/ K		12	2400	0.35	600
CLH1608T-22N□-W	22	J/ K		12	2000	0.40	500
CLH1608T-27N□-W	27	J/ K		12	1900	0.45	500
CLH1608T-33N□-W	33	J/ K		12	1600	0.55	400
CLH1608T-39N□-W	39	J/ K		12	1400	0.60	400
CLH1608T-47N□-W	47	J/ K		12	1300	0.70	400
CLH1608T-56N□-W	56	J/ K		12	1100	0.75	400
CLH1608T-62N□-W	62	J/ K		12	1050	0.85	400
CLH1608T-68N□-W	68	J/ K		12	1050	0.85	400
CLH1608T-82N□-W	82	J/ K		12	900	1.00	300
CLH1608T-R10□-W	100	J/ K		12	770	1.20	300
CLH1608T-R12□-W	*120	J/ K	8		650	1.30	300
CLH1608T-R15□-W	*150	J/ K	8		550	1.70	250
CLH1608T-R18□-W	*180	J/ K	8		520	1.90	250
CLH1608T-R22□-W	*220	J/ K	8		500	2.00	250
CLH1608T-R27□-W	*270	J/ K	8		470	2.20	150
CLH1608T-R33□-W	*330	J/ K	8		320	2.80	100
CLH1608T-R39□-W	*390	J/ K	8		300	3.00	100

- * at 50MHz
- Tolerance：S = ± 0.3 nH；J = ± 5%；K = ± 10%
- Test Instruments： L/Q： L/Q：Agilent E4991A Fixture：Agilent 16197A
  SRF： HP8753D
  RDC： HP4338B/ CH502BC

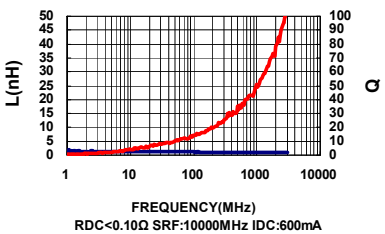
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-1N0S-W



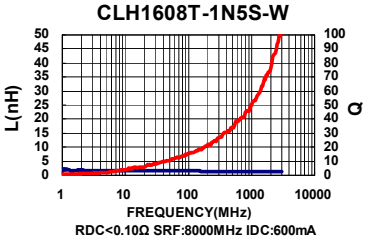
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N2S-W



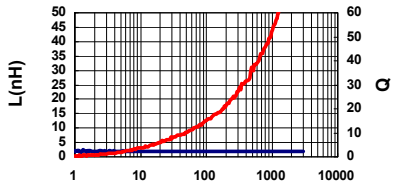
RDC<0.10Ω SRF:10000MHz IDC:600mA

CLH1608T-1N5S-W



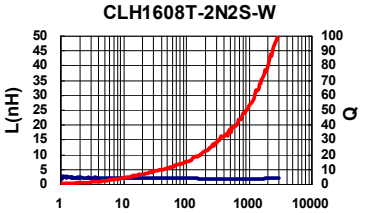
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CLH1608T-1N8S-W



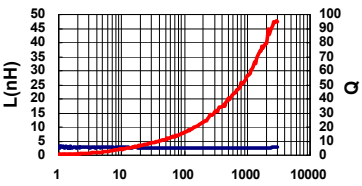
RDC<0.10Ω SRF:8000MHz IDC:600mA

CLH1608T-2N2S-W



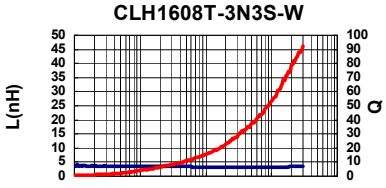
RDC<0.10Ω SRF:7200MHz IDC:600mA

CLH1608T-2N7S-W



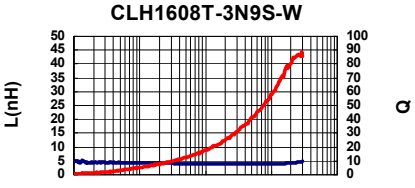
RDC<0.10Ω SRF:6200MHz IDC:600mA

CLH1608T-3N3S-W



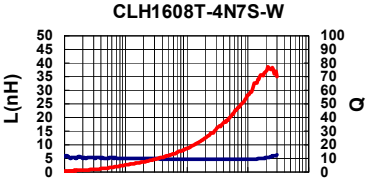
RDC<0.12Ω SRF:5200MHz IDC:600mA

CLH1608T-3N9S-W



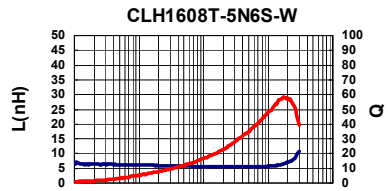
RDC<0.14Ω SRF:5000MHz IDC:600mA

CLH1608T-4N7S-W



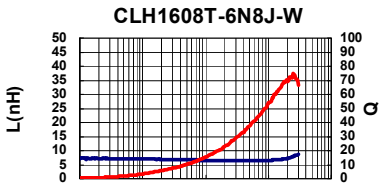
RDC<0.16Ω SRF:4750MHz IDC:600mA

CLH1608T-5N6S-W



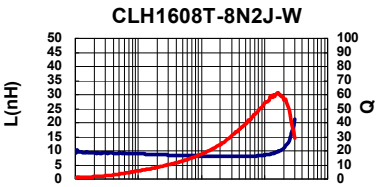
RDC<0.18Ω SRF:4100MHz IDC:600mA

CLH1608T-6N8J-W



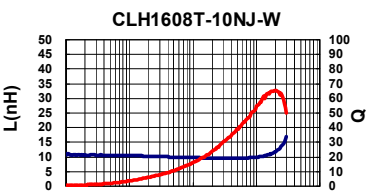
RDC<0.22Ω SRF:3750MHz IDC:600mA

CLH1608T-8N2J-W



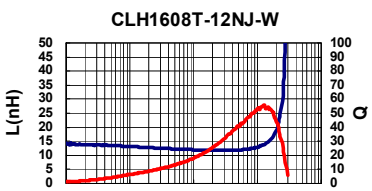
RDC<0.24Ω SRF:3300MHz IDC:600mA

CLH1608T-10NJ-W



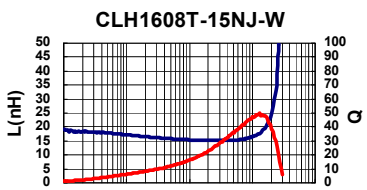
RDC<0.26Ω SRF:3000MHz IDC:600mA

CLH1608T-12NJ-W



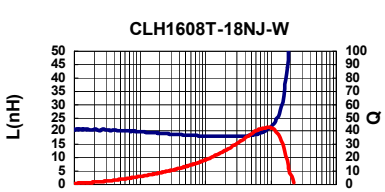
RDC<0.28Ω SRF:2600MHz IDC:600mA

CLH1608T-15NJ-W



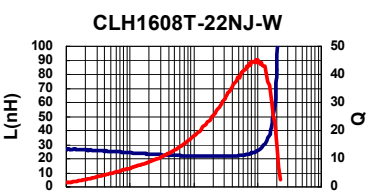
RDC<0.32Ω SRF:2500MHz IDC:600mA

CLH1608T-18NJ-W



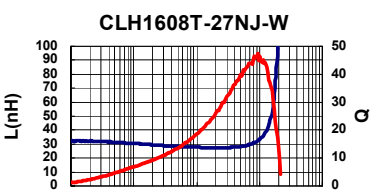
RDC<0.35Ω SRF:2400MHz IDC:600mA

CLH1608T-22NJ-W



RDC<0.40Ω SRF:2000MHz IDC:500mA

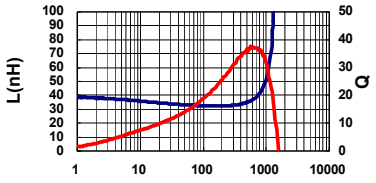
CLH1608T-27NJ-W



RDC<0.45Ω SRF:1900MHz IDC:500mA

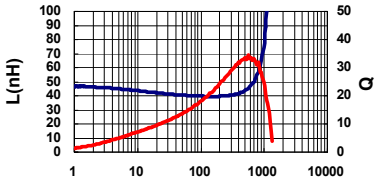
Test Instruments：HP4291A Material/Impedance Analyzer

CLH1608T-33NJ-W



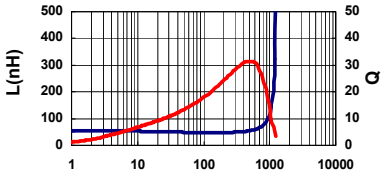
RDC<0.55Ω SRF:1600MHz IDC:400mA

CLH1608T-39NJ-W



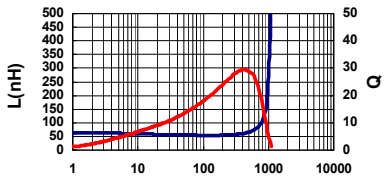
RDC<0.60Ω SRF:1400MHz IDC:400mA

CLH1608T-47NJ-W



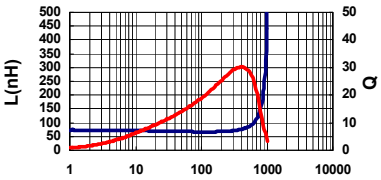
RDC<0.70Ω SRF:1300MHz IDC:400mA

CLH1608T-56NJ-W



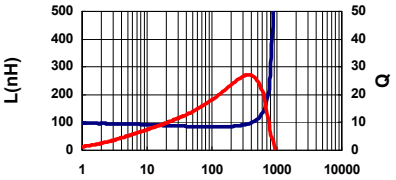
RDC<0.75Ω SRF:1100MHz IDC:400mA

CLH1608T-68NJ-W



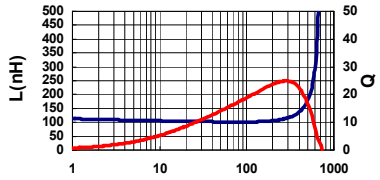
RDC<0.85Ω SRF:1050MHz IDC:400mA

CLH1608T-82NJ-W



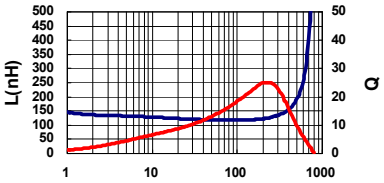
RDC<1.0Ω SRF:900MHz IDC:300mA

CLH1608T-R10J-W



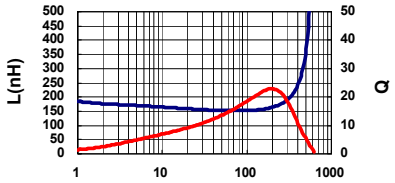
RDC<1.2Ω SRF:770MHz IDC:300mA

CLH1608T-R12J-W



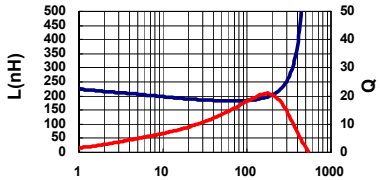
RDC<1.3Ω SRF:650MHz IDC:300mA

CLH1608T-R15J-W



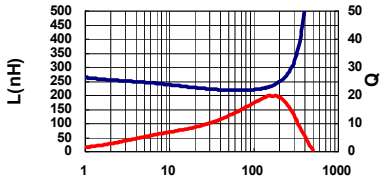
RDC<1.7Ω SRF:550MHz IDC:250mA

CLH1608T-R18J-W



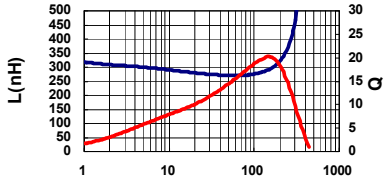
RDC<1.9Ω SRF:520MHz IDC:250mA

CLH1608T-R22J-W



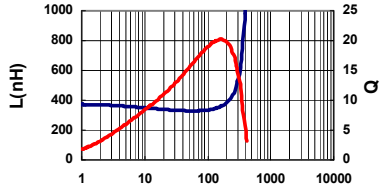
RDC<2.0Ω SRF:500MHz IDC:250mA

CLH1608T-R27J-W



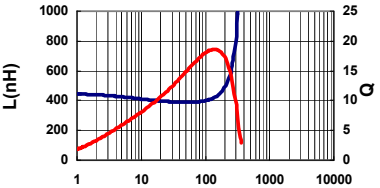
RDC<2.2 Ω SRF:470MHz IDC:150mA

CLH1608T-R33J-W



RDC<2.8Ω SRF:320MHz IDC:100mA

CLH1608T-R39J-W



RDC<3.0Ω SRF:300MHz IDC:100mA

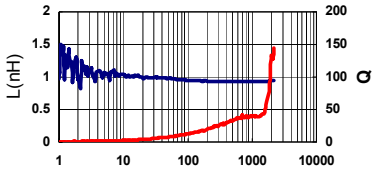
Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q Min at 50MHz	Q Min at 100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	IDC (mA) Max
CLH2012T-1N0□-S	1.0	S		10	> 6000	0.10	300
CLH2012T-1N2□-S	1.2	S		10	> 6000	0.10	300
CLH2012T-1N5□-S	1.5	S		10	> 6000	0.10	300
CLH2012T-1N8□-S	1.8	S		10	> 6000	0.10	300
CLH2012T-2N2□-S	2.2	S		10	> 6000	0.10	300
CLH2012T-2N7□-S	2.7	S		12	> 6000	0.10	300
CLH2012T-3N3□-S	3.3	S / K		12	> 6000	0.13	300
CLH2012T-3N9□-S	3.9	S / K		12	5400	0.15	300
CLH2012T-4N7□-S	4.7	S / K		12	4500	0.20	300
CLH2012T-5N6□-S	5.6	S / K		12	4000	0.23	300
CLH2012T-6N8□-S	6.8	J / K		15	3650	0.25	300
CLH2012T-8N2□-S	8.2	J / K		15	3000	0.28	300
CLH2012T-10N□-S	10	J / K		15	2500	0.30	300
CLH2012T-12N□-S	12	J / K		15	2450	0.35	300
CLH2012T-15N□-S	15	J / K		15	2000	0.40	300
CLH2012T-18N□-S	18	J / K		15	1750	0.45	300
CLH2012T-22N□-S	22	J / K		15	1700	0.50	300
CLH2012T-27N□-S	27	J / K		15	1550	0.55	300
CLH2012T-33N□-S	33	J / K		15	1350	0.60	300
CLH2012T-39N□-S	39	J / K		18	1300	0.65	300
CLH2012T-47N□-S	47	J / K		18	1200	0.70	300
CLH2012T-56N□-S	56	J / K		18	1150	0.75	300
CLH2012T-68N□-S	68	J / K		18	1000	0.80	300
CLH2012T-82N□-S	82	J / K		18	850	0.90	300
CLH2012T-R10□-S	100	J / K		18	730	1.00	300
CLH2012T-R12□-S	* 120	J / K	13		650	1.20	300
CLH2012T-R15□-S	* 150	J / K	13		550	1.40	300
CLH2012T-R18□-S	* 180	J / K	13		500	1.80	300
CLH2012T-R22□-S	* 220	J / K	12		450	2.00	300
CLH2012T-R27□-S	* 270	J / K	12		400	2.50	200
CLH2012T-R33□-S	* 330	J / K	12		380	3.00	200
CLH2012T-R39□-S	* 390	J / K	10		330	3.50	200
CLH2012T-R47□-S	* 470	J / K	10		300	4.00	200

- * at 50MHz
- Tolerance：S = ± 0.3nH , J = ± 5% , K = ± 10%
- Test Instruments： Agilent E4991A ：Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B/ CH502BC

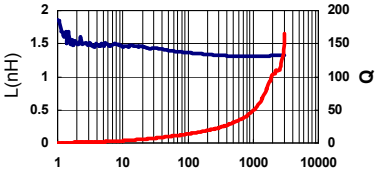
Test Instruments：HP4291A Material/Impedance Analyzer

CLH2012T-1N0S-S



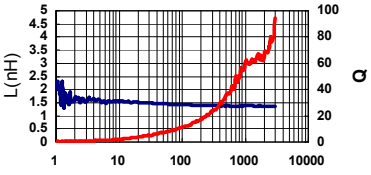
RDC<0.1Ω SRF:>6000MHz IDC:300mA

CLH2012T-1N2S-S



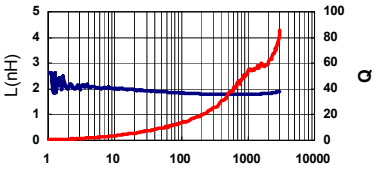
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CLH2012T-1N5S-S



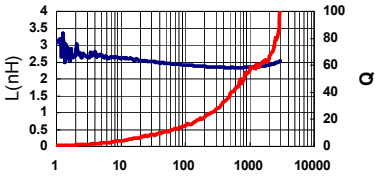
RDC<0.1Ω SRF:>6000MHz IDC:300mA

CLH2012T-1N8S-S



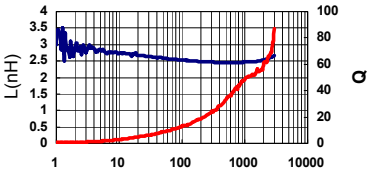
RDC<0.1Ω SRF:>6000MHz IDC:300mA

CLH2012T-2N2S-S



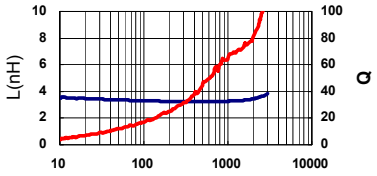
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CLH2012T-2N7S-S



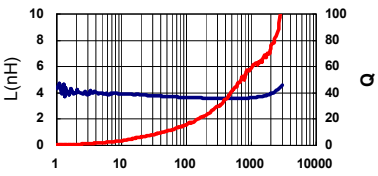
RDC<0.1Ω SRF:>6000MHz IDC:300mA

CLH2012T-3N3S-S



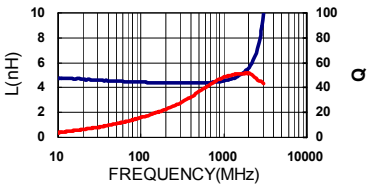
RDC<0.13Ω SRF:>6000MHz IDC:300mA

CLH2012T-3N9S-S



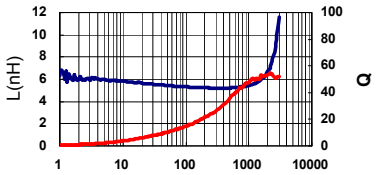
RDC<0.15Ω SRF:5400MHz IDC:300mA

CLH2012T-4N7S-S



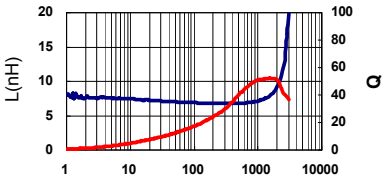
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CLH2012T-5N6S-S



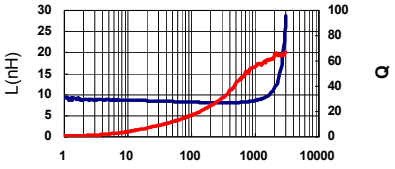
RDC<0.23Ω SER:4000MHz IDC:300mA

CLH2012T-6N8J-S



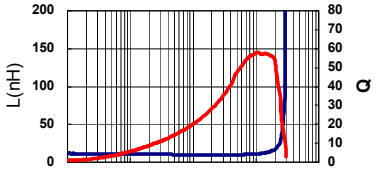
RDC<0.25Ω SRF:3650MHz IDC:300mA

CLH2012T-8N2J-S



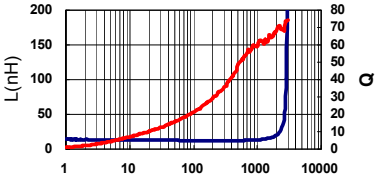
RDC<0.28Ω SRF:3000MHz IDC:300mA

CLH2012T-10NJ-S



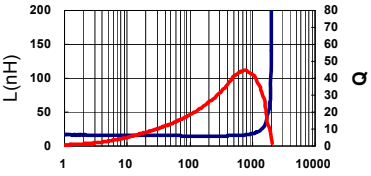
RDC<0.3Ω SRF:2500MHz IDC:300mA

CLH2012T-12NJ-S



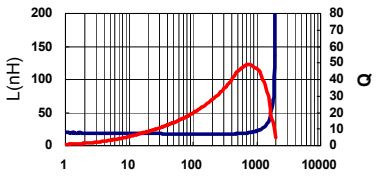
RDC<0.35Ω SRF:2450MHz IDC:300mA

CLH2012T-15NJ-S



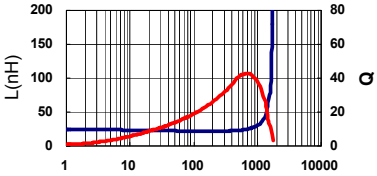
RDC<0.4Ω SRF:2000MHz IDC:300mA

CLH2012T-18NJ-S



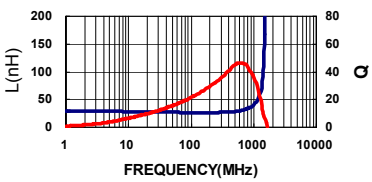
RDC<0.45Ω SER:1750MHz IDC:300mA

CLH2012T-22NJ-S



RDC<0.5Ω SRF:1700MHz IDC:300mA

CLH2012T-27NJ-S

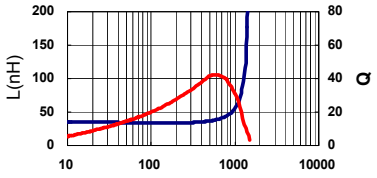


RDC<0.55Ω SRF:1550MHz IDC:300mA

CHILISIN ELECTRONICS CORP.

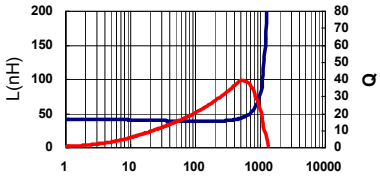
Test Instruments：HP4291A Material/Impedance Analyzer

CLH2012T-33NJ-S



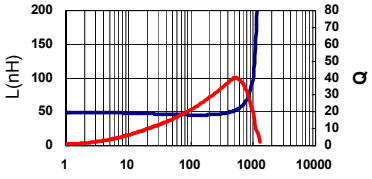
RDC<0.6Ω SRF:1350MHz IDC:300mA

CLH2012T-39NJ-S



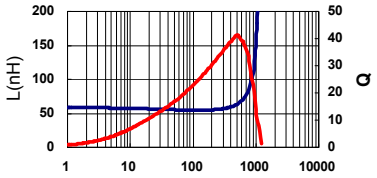
RDC<0.65Ω SRF:1300MHz IDC:300mA

CLH2012T-47NJ-S



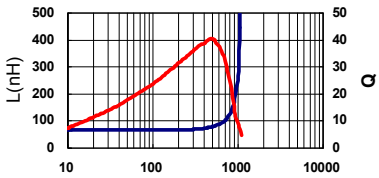
RDC<0.7Ω SRF:1200MHz IDC:300mA

CLH2012T-56NJ-S



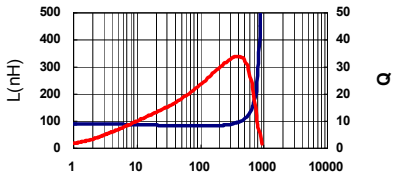
RDC<0.75Ω SRF:1150MHz IDC:300mA

CLH2012T-68NJ-S



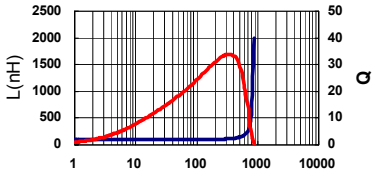
RDC<0.8Ω SRF:1000MHz IDC:300mA

CLH2012T-82NJ-S



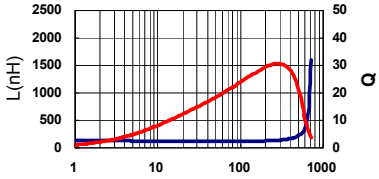
RDC<0.9Ω SRF:850MHz IDC:300mA

CLH2012T-R10J-S



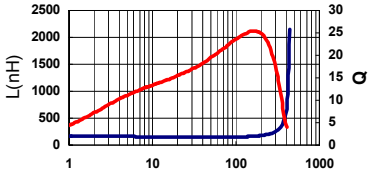
RDC<1Ω SRF:730MHz IDC:300mA

CLH2012T-R12J-S



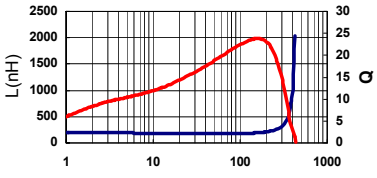
RDC<1.2Ω SRF:650MHz IDC:300mA

CLH2012T-R15J-S



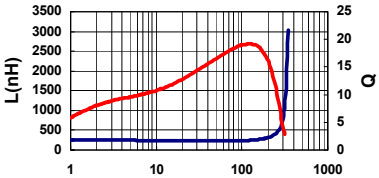
RDC<1.4Ω SRF:550MHz IDC:300mA

CLH2012T-R18J-S



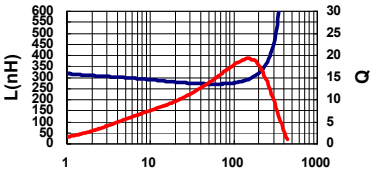
RDC<1.8Ω SRF:500MHz IDC:300mA

CLH2012T-R22J-S



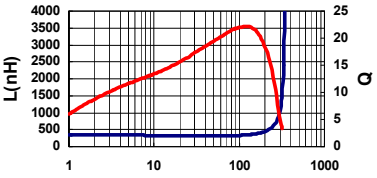
RDC<2Ω SRF:450MHz IDC:300mA

CLH2012T-R27J-S



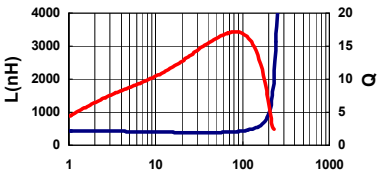
RDC<2.5Ω SRF:400MHz IDC:200mA

CLH2012T-R33J-S



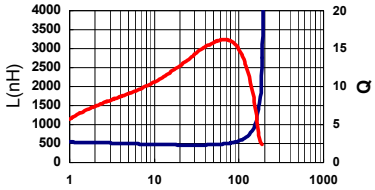
RDC<3Ω SRF:380MHz IDC:200mA

CLH2012T-R39J-S



RDC<3.5Ω SRF:330MHz IDC:200mA

CLH2012T-R47J-S



RDC<4Ω SRF:300MHz IDC:200mA

Packaging Specifications

Tape Dimensions

Figure A

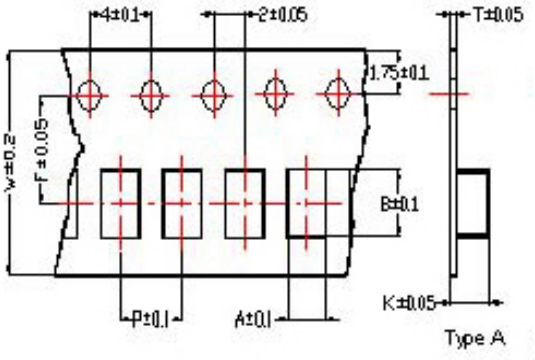
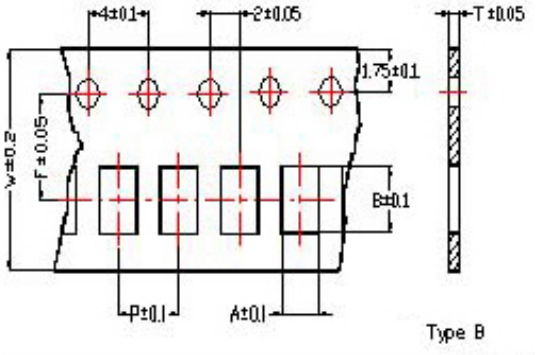


Figure B



Tape Material

Figure A

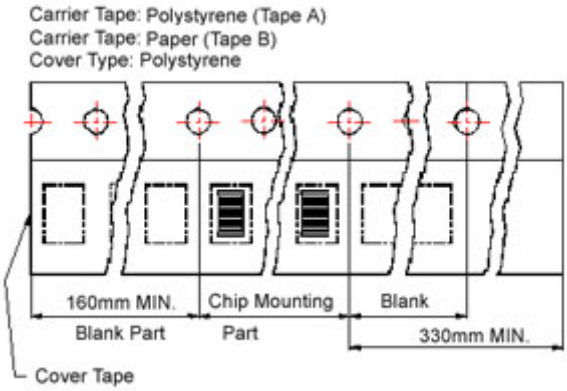
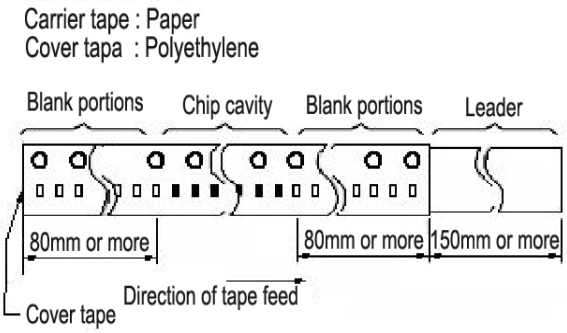
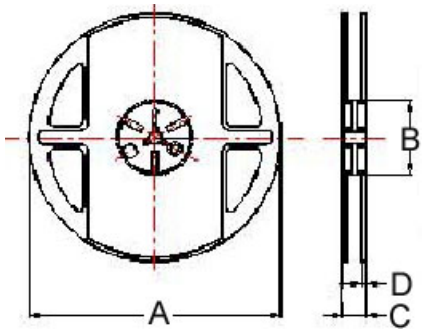


Figure B



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions							Tape	Tape	Reel Dimensions				Quantity
	A	B	T	W	P	F	K	Tape	Material	A	B	C	D	PCS / Reel
CLH0603	0.37	0.67	0.50	8	2	3.5		B	B	180	60	13	1.5	15000
CLH1005	0.65	1.12	0.60	8	2	3.5		B	A	178	60	12	1.5	10000
CLH1608	1.00	1.80	0.95	8	4	3.5		B	A	178	60	12	1.5	4000
CLH201209	1.58	2.42	0.95	8	4	3.5	1.04	A,B	A	178	60	12	1.5	4000
CLH201212	1.35	2.25	0.22	8	4	3.5	1.35	A	A	178	60	12	1.5	3000