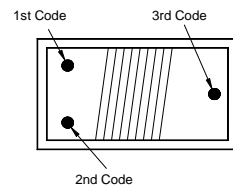


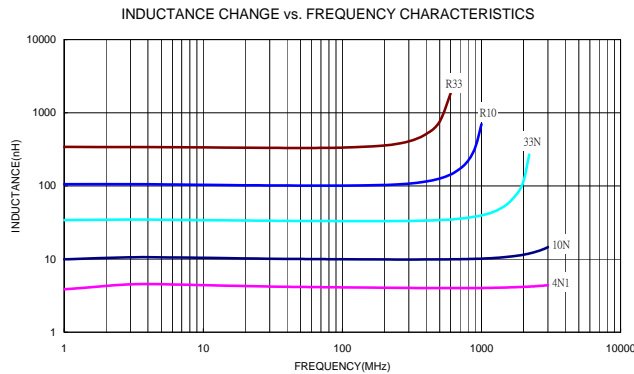
Part Number	Inductance (nH)	Tolerance (±%)	Q Min	SRF (MHz) Min	Rdc (Ω) Max	I _{rms} (mA) Max	Color Coding		
							1 ST	2 ND	3 RD
1008HCQ-4N1	4.1 /50MHz	J / K	75 /1500MHz	6000	0.05	1600	Black	Yellow	Black
1008HCQ-10N	10 /50MHz	J / K	60 /500MHz	3600	0.06	1600	Brown	Black	Black
1008HCQ-12N	12 /50MHz	G / J / K	60 /500MHz	2800	0.06	1500	Brown	Red	Black
1008HCQ-18N	18 /50MHz	G / J / K	62 /350MHz	2700	0.07	1400	Brown	Gray	Black
1008HCQ-22N	22 /50MHz	G / J / K	62 /350MHz	2050	0.07	1400	Red	Red	Black
1008HCQ-33N	33 /50MHz	G / J / K	75 /350MHz	1700	0.09	1300	Orange	Orange	Black
1008HCQ-39N	39 /50MHz	G / J / K	75 /350MHz	1300	0.09	1300	Orange	White	Black
1008HCQ-47N	47 /50MHz	G / J / K	75 /350MHz	1450	0.12	1200	Yellow	Violet	Black
1008HCQ-56N	56 /50MHz	G / J / K	75 /350MHz	1200	0.12	1200	Green	Blue	Black
1008HCQ-68N	68 /50MHz	G / J / K	80 /350MHz	1150	0.13	1100	Blue	Gray	Black
1008HCQ-82N	82 /50MHz	G / J / K	80 /350MHz	1060	0.16	1100	Gray	Red	Black
1008HCQ-R10	100 /50MHz	G / J / K	62 /350MHz	1000	0.18	1000	Brown	Black	Brown
1008HCQ-R12	120 /25MHz	G / J / K	50 /100MHz	870	0.18	1000	Brown	Red	Brown
1008HCQ-R15	150 /25MHz	G / J / K	50 /100MHz	850	0.23	1000	Brown	Green	Brown
1008HCQ-R18	180 /25MHz	G / J / K	50 /100MHz	800	0.30	1000	Brown	Gray	Brown
1008HCQ-R22	220 /25MHz	G / J / K	50 /100MHz	750	0.35	1000	Red	Red	Brown
1008HCQ-R27	270 /25MHz	G / J / K	48 /100MHz	630	0.40	900	Red	Violet	Brown
1008HCQ-R33	330 /25MHz	G / J / K	48 /100MHz	570	0.47	900	Orange	Orange	Brown
1008HCQ-R39	390 /25MHz	G / J / K	48 /100MHz	500	0.62	900	Orange	White	Brown

- When ordering, please specify tolerance and packaging codes. Ex: 1008HCQ-R10
- Tolerance : G = ±2% , J = ±5% , K = ±10%
- Packaging: Clear tape and reel {standard}.
- L /Q: Agilent E4991A+ Agilent 16197A
- SRF: HP8753D/ Agilent E4991A
- RDC: Digital Milliohm Meter Chroma 16502 or equivalent.
- I_{rms} for a 15°C rise above 25°C ambient.
- Operating temperature range from -40°C to 125°C

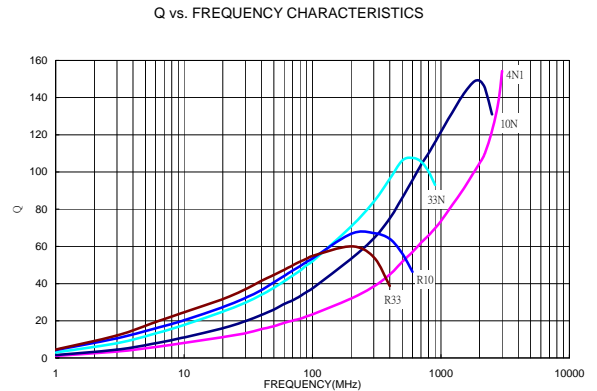


COLOR CODING

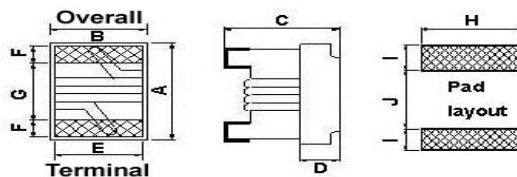
Typical L vs. Frequency



Typical Q vs. Frequency



Shapes & Dimensions



Dimensions

		A max	B max	C max	D ref	E	F	G	H	I	J
1008HCQ	mm	2.90	2.54	2.03	1.30	2.03	0.51	1.52	2.54	1.02	1.27

Note: Parts/Reel: 2000/7" Tape Width: 8mm