

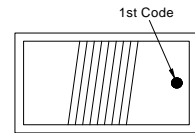
SMD Wire Wound Ceramic Chip Inductors – 0603HCC Series



CHONG YUE CO., LTD.

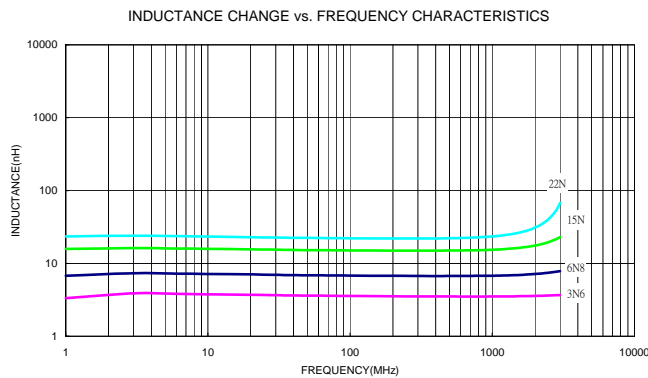
Part Number	Inductance (nH)	Tolerance (±%)	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Irms (mA) Max	Color Coding
0603HCC-1N6□	1.6 /250MHz	J / K	24 /250MHz	12500	0.030	2400	Black
0603HCC-3N6□	3.6 /250MHz	J / K	24 /250MHz	5900	0.048	2300	Brown
0603HCC-3N9□	3.9 /250MHz	J / K	25 /250MHz	5900	0.054	2200	Red
0603HCC-6N8□	6.8 /250MHz	J / K	35 /250MHz	5800	0.054	2100	Orange
0603HCC-7N5□	7.5 /250MHz	J / K	35 /250MHz	3700	0.059	2100	Yellow
0603HCC-10N□	10 /250MHz	G / J / K	38 /250MHz	3700	0.071	2000	Green
0603HCC-12N□	12 /250MHz	G / J / K	38 /250MHz	3000	0.075	2000	Blue
0603HCC-15N□	15 /250MHz	G / J / K	38 /250MHz	2800	0.080	1900	Violet
0603HCC-18N□	18 /250MHz	G / J / K	40 /250MHz	2800	0.099	1900	Gray
0603HCC-22N□	22 /250MHz	G / J / K	42 /250MHz	2400	0.099	1800	White
0603HCC-24N□	24 /250MHz	G / J / K	42 /250MHz	2400	0.105	1800	Black
0603HCC-33N□	33 /250MHz	G / J / K	47 /250MHz	1900	0.175	950	Brown
0603HCC-47N□	47 /250MHz	G / J / K	40 /250MHz	1530	0.195	850	Red

- When ordering, please specify tolerance and packaging codes. Ex: 0603HCC-6N8□
- 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

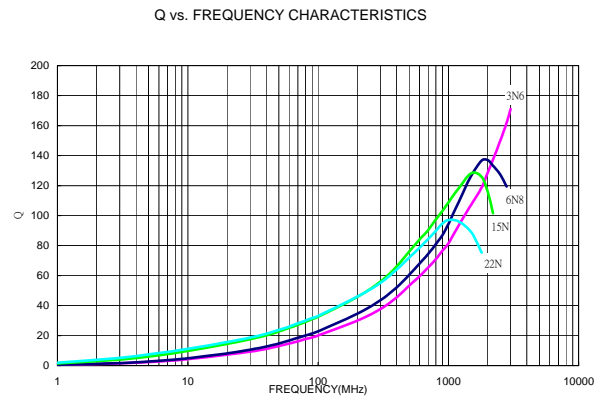


COLOR CODING

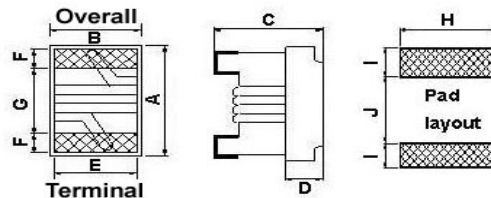
Typical L vs. Frequency



Typical Q vs. Frequency



Shapes & Dimensions



Dimensions

		A max	B max	C max	D ref	E	F	G	H	I	J
0603HCC	mm	1.80	1.20	1.02	0.45	0.90	0.33	0.86	1.02	0.64	0.64

Note: Parts/Reel: 4000/7" Tape Width: 8mm