

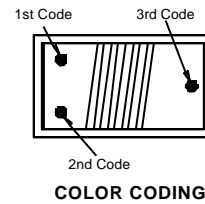
Electrical Characteristics

Part Number	Inductance (nH)	Test Frequency (MHz)	Tolerance (±%)	Q Min	Test Frequency (MHz)	SRF Min (MHz)	Rdc Max ()	Irms Max (mA)	Color Coding		
									1 st	2 nd	3 rd
HQ1008-4N1 -S	4.1	50	10 / 5	75	1500	6000	0.05	1600	Black	Yellow	Black
HQ1008-10N -S	10.0	50	10 / 5	60	500	3600	0.06	1600	Brown	Black	Black
HQ1008-12N -S	12.0	50	10 / 5 / 2	70	500	2800	0.06	1500	Brown	Red	Black
HQ1008-18N -S	18.0	50	10 / 5 / 2	62	350	2700	0.07	1400	Brown	Gray	Black
HQ1008-22N -S	22.0	50	10 / 5 / 2	62	350	2050	0.07	1400	Red	Red	Black
HQ1008-33N -S	33.0	50	10 / 5 / 2	75	350	1700	0.09	1300	Orange	Orange	Black
HQ1008-39N -S	39.0	50	10 / 5 / 2	75	350	1300	0.09	1300	Orange	White	Black
HQ1008-47N -S	47.0	50	10 / 5 / 2	75	350	1450	0.12	1200	Yellow	Violet	Black
HQ1008-56N -S	56.0	50	10 / 5 / 2	75	350	1230	0.12	1200	Green	Blue	Black
HQ1008-68N -S	68.0	50	10 / 5 / 2	80	350	1150	0.13	1100	Blue	Gray	Black
HQ1008-82N -S	82.0	50	10 / 5 / 2	80	350	1060	0.16	1100	Gray	Red	Black
HQ1008-R10 -S	100.0	50	10 / 5 / 2	62	350	820	0.16	1000	Brown	Black	Brown

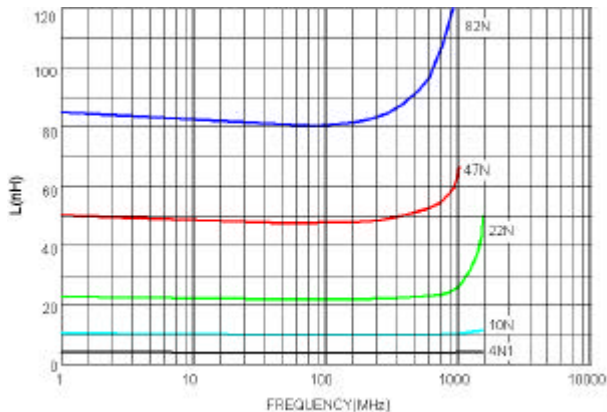
1. When ordering, please specify tolerance and packaging codes. Ex: HQ1008-R10J-S

Tolerance : G = ±2% , J = ±5% , K = ±10%
 Packaging : Clear tape and reel { standard }.

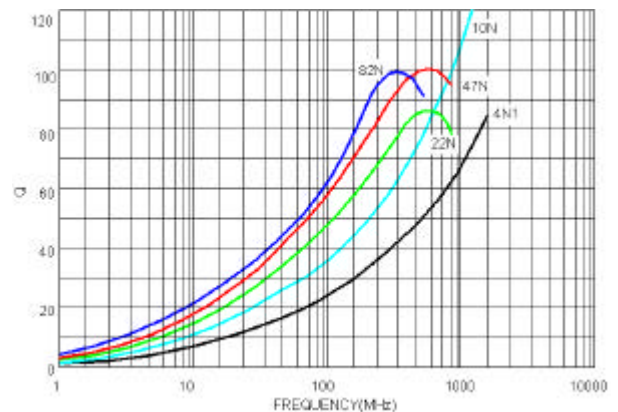
- L , Q : Agilent/HP4291A+ Agilent/HP16193A
- SRF : Agilent/HP8753D / Agilent/HP4291A
- Rdc : DIGITAL MULTIMETER SC-7401
- Irms for a 15 rise above 25 ambient.
- Operating temperature range from -40 to 125 .



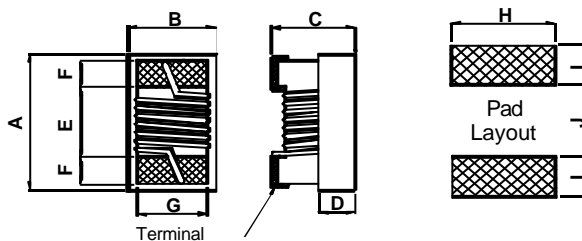
Typical L vs. Frequency



Typical Q vs. Frequency



Sharp & Dimensions



	A	B	C	D Ref.	E	F	G	H	I	J
inch	0.113±0.004	0.106±0.004	0.072±0.004	0.028	0.060	0.020	0.080	0.100	0.040	0.050
mm	2.86±0.10	2.69±0.10	1.82±0.10	0.70	1.52	0.51	2.03	2.54	1.02	1.27

Parts/Reel: 7" 2,000 Tape Width: 8mm
 For packaging data see Tape & Reel Specifications section.