

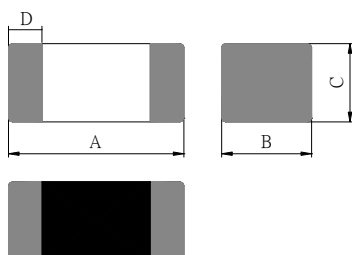
1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solder ability and heat resistance.
8. High SRF up to 6GHz and above.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature:-55~+105°C (Including self-temperature rise)



Certificate
of
Green Partner

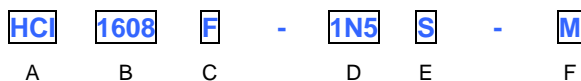
2. Dimensions



Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

3. Part Numbering



A: Series
 B: Dimension L x W
 C: Material Lead Free Material
 D: Inductance 1N5=1.5 nH
 E: Inductance Tolerance S=±0.3nH, J=±5%, K=±10%
 F: MARKING

4. Specification

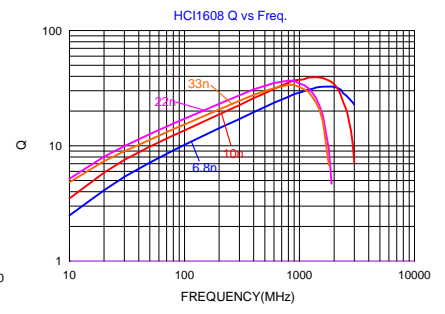
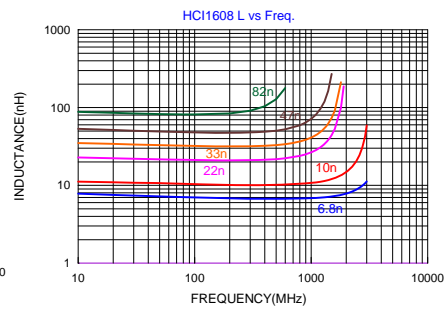
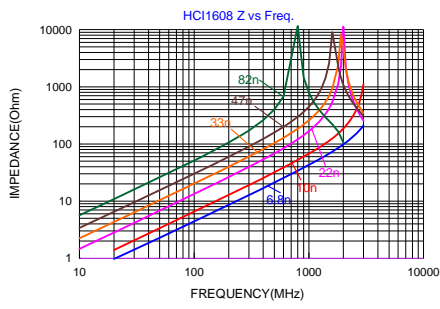
Tai-Tech Part Number	Thickness (mm)	Inductance		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
		(nH)	Test Frequency (MHz)	Normal Value	min.			
HCI1608F-1N0S-M	0.80±0.15	1.0	100	14	8	300	0.05	10000
HCI1608F-1N2S-M	0.80±0.15	1.2	100	14	8	300	0.05	10000
HCI1608F-1N5S-M	0.80±0.15	1.5	100	14	8	300	0.10	6000
HCI1608F-1N8S-M	0.80±0.15	1.8	100	10	8	300	0.10	6000
HCI1608F-2N2S-M	0.80±0.15	2.2	100	12	8	300	0.10	6000
HCI1608F-2N7S-M	0.80±0.15	2.7	100	13	10	300	0.10	6000
HCI1608F-3N3S-M	0.80±0.15	3.3	100	14	10	300	0.12	6000
HCI1608F-3N9S-M	0.80±0.15	3.9	100	13	10	300	0.14	6000

TAI-TECH

Tai-Tech Part Number	Thickness (mm)	Inductance		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
		(nH)	Test Frequency (MHz)	Normal Value	min.			
HC11608F-4N7S-M	0.80±0.15	4.7	100	13	10	300	0.16	4000
HC11608F-5N6S-M	0.80±0.15	5.6	100	14	10	300	0.18	4000
HC11608F-6N8□-M	0.80±0.15	6.8	100	14	10	300	0.22	4000
HC11608F-8N2□-M	0.80±0.15	8.2	100	14	10	300	0.24	3500
HC11608F-10N□-M	0.80±0.15	10	100	14	12	300	0.26	3400
HC11608F-12N□-M	0.80±0.15	12	100	14	12	300	0.28	2600
HC11608F-15N□-M	0.80±0.15	15	100	15	12	300	0.32	2300
HC11608F-18N□-M	0.80±0.15	18	100	15	12	300	0.35	2000
HC11608F-22N□-M	0.80±0.15	22	100	16	12	300	0.40	1600
HC11608F-27N□-M	0.80±0.15	27	100	16	12	300	0.45	1400
HC11608F-33N□-M	0.80±0.15	33	100	17	12	300	0.55	1200
HC11608F-39N□-M	0.80±0.15	39	100	18	12	300	0.60	1100
HC11608F-47N□-M	0.80±0.15	47	100	17	12	300	0.70	900
HC11608F-56N□-M	0.80±0.15	56	100	17	12	300	0.75	900
HC11608F-68N□-M	0.80±0.15	68	100	18	12	300	0.85	700
HC11608F-82N□-M	0.80±0.15	82	100	18	12	300	0.95	600
HC11608F-R10□-M	0.80±0.15	100	100	18	12	300	1.00	600
HC11608F-R12□-M	0.80±0.15	120	50	16	8	300	1.20	500
HC11608F-R15□-M	0.80±0.15	150	50	13	8	300	1.20	500
HC11608F-R18□-M	0.80±0.15	180	50	13	8	300	1.30	400

NOTE: □:TOLERANCE J:±5% K :±10%

Impedance, Inductance, Q v.s. Frequency Characteristics(Typical)



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