

HIGH FREQUENCY CERAMIC INDUCTORS

MEC series: HFCI



- Provides excellent Q and SRF characteristics.
- High Q Factor.
- Impedance Range: 1.0 – 33.0nh.
- Current Range: 110 – 470ma.

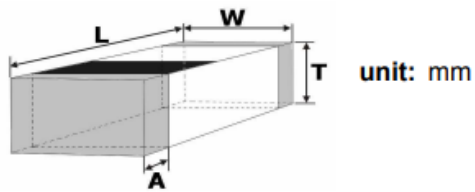
Reel Quantity: 15000pcs

Operating Temperature: -55°C to +125°C

Application Examples

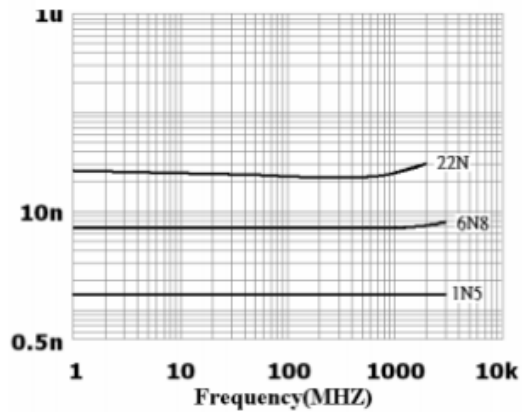
Part Number	Inductance (nh)	Q Min @ 100MHz	SRF (GHz) Min	DCR (Ω) Max	IDC (ma) (Max)	Engineering Spec
HFCI-060303-1N0S	1.0 ± 0.3	4	10	0.11	470	PDF
HFCI-060303-1N2S	1.2 ± 0.3	4	10	0.12	450	PDF
HFCI-060303-1N5S	1.5 ± 0.3	4	10	0.13	430	PDF
HFCI-060303-1N8S	1.8 ± 0.3	4	10	0.46	390	PDF
HFCI-060303-2N0S	2.0 ± 0.3	4	10	0.17	380	PDF
HFCI-060303-2N2S	2.2 ± 0.3	4	8.8	0.19	360	PDF
HFCI-060303-2N4S	2.4 ± 0.3	4	8.3	0.20	350	PDF
HFCI-060303-2N7S	2.7 ± 0.3	5	7.7	0.21	340	PDF
HFCI-060303-3N0S	3.0 ± 0.3	4	7.2	0.22	330	PDF
HFCI-060303-3N3S	3.3 ± 0.3	5	6.7	0.23	320	PDF
HFCI-060303-3N6S	3.6 ± 0.3	4	6.4	0.25	310	PDF
HFCI-0606303-3N9S	3.9 ± 0.3	5	6.0	0.27	300	PDF
HFCI-060303-4N3S	4.3 ± 0.3	4	5.7	0.30	280	PDF
HFCI-060603-4N7S	4.7 ± 0.3	5	5.3	0.30	280	PDF
HFCI-060303-5N1S	5.1 ± 0.3	5	4.7	0.33	270	PDF
HFCI-060303-5N6S	5.6 ± 0.3	5	4.2	0.36	260	PDF
HFCI-060303-6N2S	6.2 ± 0.3	4	4.2	0.38	250	PDF
HFCI-060303-6N8S	6.8 ± 5%	5	3.5	0.39	250	PDF
HFCI-060303-7N5S	7.5 ± 5%	4	3.6	0.41	240	PDF
HFCI-060303-8N2S	8.2 ± 5%	5	3.2	0.45	230	PDF
HFCI-060303-9N1S	9.1 ± 5%	4	3.2	0.48	220	PDF
HFCI-060303-10NJ	10 ± 5%	5	2.8	0.51	220	PDF
HFCI-060303-12NJ	12 ± 5%	5	2.4	0.68	190	PDF
HFCI-060303-15NJ	15 ± 5%	5	2.2	0.71	180	PDF
HFCI-060603-18NJ	18 ± 5%	5	2.1	0.81	170	PDF
HFCI-060303-22NJ	22 ± 5%	5	1.8	1.00	150	PDF
HFCI-060303-27NJ	27 ± 5%	4	1.8	1.35	120	PDF
HFCI-060303-33NJ	33 ± 5%	4	1.7	1.47	110	PDF

Dimensions

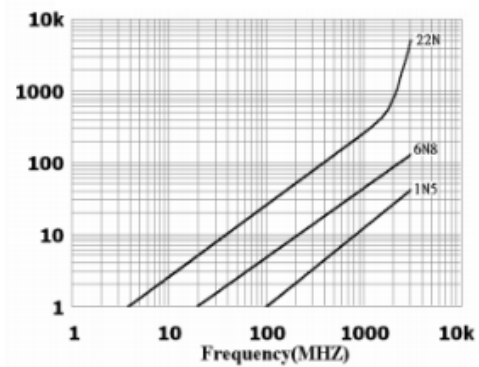


L	W	T	A
0.6±0.03 (0.024±0.001)	0.3±0.03 (0.012±0.001)	0.3±0.03 (0.012±0.001)	0.1~0.2 (0.004~0.008)

INDUCTANCE vs. FREQUENCY



IMPEDANCE vs. FREQUENCY



Q vs. FREQUENCY

