

# FERRITE CHIP INDUCTORS

## FEATURES

- Monolithic construction, small size
- High reliability
- Economical
- Broadband and high frequency available
- For RF and wireless communication, computers, telecommunications, automotive electronics etc.



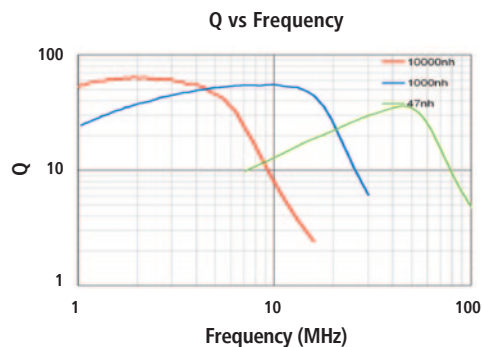
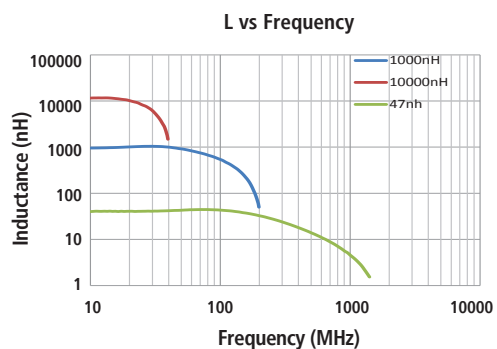
## PART NUMBERING SYSTEM

IC	0603	A	102	R	-10
Product Series Code	EIA Size Code	Rated Current Code	Inductance Value Code	Packing Code	Additional Description

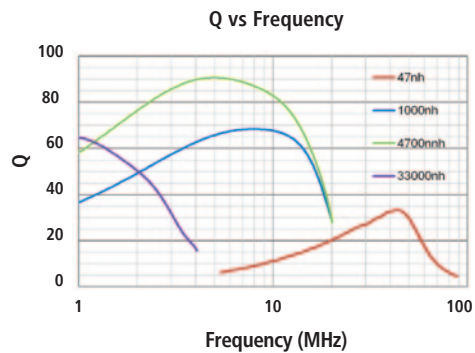
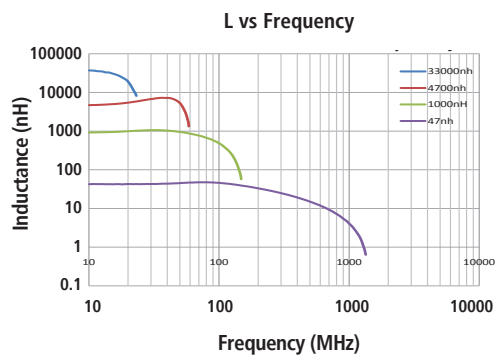
METRIC PKG. SIZE	PART NUMBER	L (nH) ± 10%	Q (MIN)	TEST FREQ. L, Q (MHZ)	SELF-RESONANT FREQ. (MHZ)	DCR MAX (Ω)	RATED I MAX (mA)
1608	IC0603A102R-10	1,000	30	10	70	0.6	25
1608	IC0603A103R-10	10,000	30	2	17	2.55	15
1608	IC0603A182R-10	1,800	30	10	50	0.95	25
1608	IC0603A681R-10	680	15	25	80	1.7	35
1608	IC0603B181R-10	180	15	25	165	0.6	50
1608	IC0603B470R-10	47	10	50	260	0.3	200
1608	IC0603B820R-10	82	10	50	245	0.3	200
2012	IC0805A103R-10	10,000	45	2	24	1.15	15
2012	IC0805A153R-10	15,000	30	1	19	0.8	5
2012	IC0805A183R-10	18,000	30	1	18	0.9	5
2012	IC0805A223R-10	22,000	30	1	16	1.1	5
2012	IC0805A272R-10	2,700	45	10	45	0.75	30
2012	IC0805A333R-10	33,000	30	0.4	13	1.25	5
2012	IC0805A472R-10	4,700	45	10	35	1	30
2012	IC0805A681R-10	680	25	25	105	0.8	150
2012	IC0805A822R-10	8,200	45	4	26	1.1	15
2012	IC0805B101R-10	100	20	25	235	0.3	250
2012	IC0805B102R-10	1,000	45	10	75	0.4	50
2012	IC0805B182R-10	1,800	45	10	55	0.6	50
2012	IC0805B222R-10	2,200	45	10	50	0.65	30
2012	IC0805C470R-10	47	15	50	320	0.2	300
2012	IC0805C680R-10	68	15	50	280	0.2	300
3216	IC1206A103R-10	10,000	50	2	24	1	25
3216	IC1206A332R-10	3,330	45	10	41	0.7	50
3216	IC1206A333R-10	33,000	35	0.4	13	1.05	5
3216	IC1206A472R-10	4,700	45	10	35	0.9	50
3216	IC1206B153R-10	15,000	35	1	19	0.7	5
3216	IC1206B183R-10	18,000	35	1	21	0.7	5
3216	IC1206B331R-10	330	20	25	145	0.5	250
3216	IC1206B821R-10	820	25	25	100	0.9	150

# FERRITE CHIP INDUCTORS

## 0603 Characteristics



## 0805 Characteristics



## 1206 Characteristics

