



## Features:

- Small footprint • Economical • Rugged construction • Lead Free • Monolithic

## Applications:

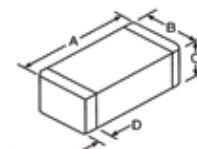
- RF and wireless communication • Information technology equipment including; computers, telecommunications, radar detectors, automotive electronics, cellular phones, pagers, audio equipment, PDAs, keyless remote systems and low-voltage power supply modules • EMI Filters

## Specifications:

- Inductance tolerance is rated at  $\pm 10\%$  of the specified frequency • Rated operating current is based on the maximum sustained current applied while maintaining the specified minimum inductance (L).

## STEWART PART NUMBERING SYSTEM EXAMPLE

<b>IC</b>	<b>0603</b>	<b>A</b>	<b>102</b>	<b>R</b>	<b>-10</b>
Product Series Code	Part Size Code	Rated Current Code	Inductance Value Code	Packaging Code	Additional Description



FERRITE CHIP INDUCTORS							FERRITE CHIP INDUCTORS						
Part Number	L (nH) $\pm 10\%$	Q (min)	Test Freq. (MHz)	Self-Resonant Frequency (MHz)	DCR MAX ( $\Omega$ )	Rated Operating Current (mA)	Part Number	L (nH) $\pm 10\%$	Q (min)	Test Freq. (MHz)	Self-Resonant Frequency (MHz)	DCR MAX ( $\Omega$ )	Rated Operating Current (mA)
IC0603A102R-10	1,000	30	10	70	0.6	25	IC0805A822R-10	8,200	45	4	26	1.10	15
IC0603A103R-10	10,000	30	2	17	2.55	15	IC0805B101R-10	100	20	25	235	0.30	250
IC0603A182R-10	1,800	30	10	50	0.95	25	IC0805B102R-10	1,000	45	10	75	0.40	50
IC0603A681R-10	680	15	25	80	1.70	35	IC0805B182R-10	1,800	45	10	55	0.60	50
IC0603B181R-10	180	15	25	165	0.60	50	IC0805B222R-10	2,200	45	10	50	0.65	30
IC0603B470R-10	47	10	50	260	0.30	200	IC0805C470R-10	47	15	50	320	0.20	300
IC0603B820R-10	82	10	50	245	0.3	200	IC0805C680R-10	68	15	50	280	0.2	300
IC0805A103R-10	10,000	45	2	24	1.15	15	IC1206A103R-10	10,000	50	2	24	1.00	25
IC0805A153R-10	15,000	30	1	19	0.80	5	IC1206A332R-10	3,330	45	10	41	0.70	50
IC0805A183R-10	18,000	30	1	18	0.90	5	IC1206A333R-10	33,000	35	0.4	13	1.05	5
IC0805A223R-10	22,000	30	1	16	1.10	5	IC1206A472R-10	4,700	45	10	35	0.90	50
IC0805A272R-10	2,700	45	10	45	0.75	30	IC1206B153R-10	15,000	35	1	19	0.70	5
IC0805A333R-10	33,000	30	0.4	13	1.25	5	IC1206B183R-10	18,000	35	1	21	0.70	5
IC0805A472R-10	4,700	45	10	35	1.00	30	IC1206B331R-10	330	20	25	145	0.50	250
IC0805A681R-10	680	25	25	105	0.80	150	IC1206B821R-10	820	25	25	100	0.90	150

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Fixed Inductors](#) category:*

*Click to view products by [Laird Connectivity](#) manufacturer:*

Other Similar products are found below :

[MLZ1608M6R8WTD25](#) [MLZ1608N6R8LT000](#) [MLZ1608N3R3LTD25](#) [MLZ1608N3R3LT000](#) [MLZ1608N150LT000](#)

[MLZ1608M150WTD25](#) [MLZ1608M3R3WTD25](#) [MLZ1608M3R3WT000](#) [MLZ1608M150WT000](#) [MLZ1608A1R5WT000](#)

[MLZ1608N1R5LT000](#) [B82432C1333K000](#) [PCMB053T-1R0MS](#) [PCMB053T-1R5MS](#) [PCMB104T-1R5MS](#) [CR32NP-100KC](#) [CR32NP-](#)

[151KC](#) [CR32NP-180KC](#) [CR32NP-181KC](#) [CR32NP-1R5MC](#) [CR32NP-390KC](#) [CR32NP-3R9MC](#) [CR32NP-680KC](#) [CR32NP-820KC](#)

[CR32NP-8R2MC](#) [CR43NP-390KC](#) [CR43NP-560KC](#) [CR43NP-680KC](#) [CR54NP-181KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#)

[MGDQ4-00004-P](#) [MGDU1-00016-P](#) [MHL1ECTTP18NJ](#) [MHL1JCTTD12NJ](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-](#)

[62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [PM06-2N7](#) [PM06-39NJ](#) [HC2LP-R47-R](#) [HC2-R47-R](#) [HC3-2R2-R](#) [HC8-1R2-R](#)