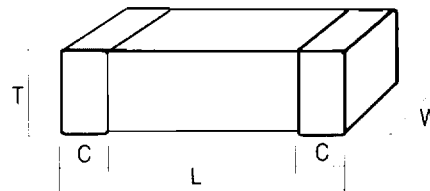


0805 Series Shape and Dimensions

	mm	inches
Length =	2.0 ± 0.2	$.079 \pm .008$
Width =	1.25 ± 0.2	$.049 \pm .008$
T =	1.00 ± 0.2	$.039 \pm .008$
C(max) =	0.6	.024



0805 Specifications

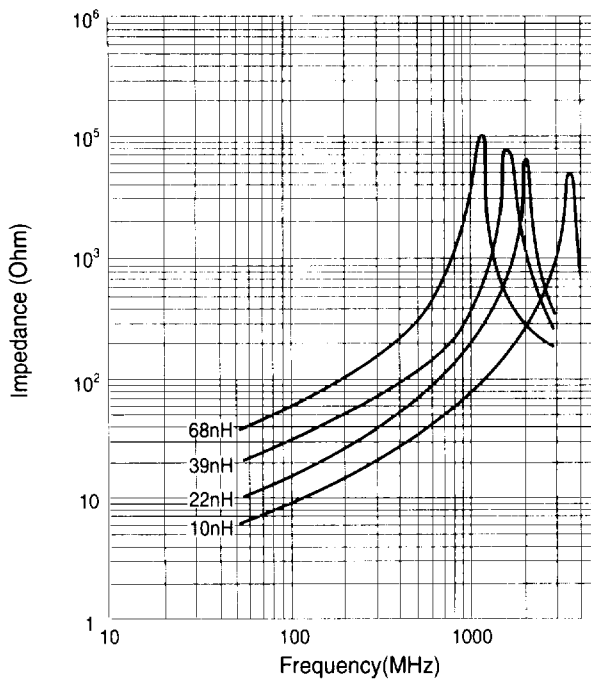
0805 Series is the US inches equivalent for the 2012 millimeter series.

Part Number	Inductance		Q		L. Q. Test Frequency (MHz)	SRF (MHz)	DC Resistance (mΩ)		Rated DC Current (mA)max
	nH	Tolerance	Min.	Typ.			Min.	Max.	
CI-B2012-15N□□□	1.5	±20%	10	15	100	4000	100		300
CI-B2012-18N□□□	1.8	±20%	10	15	100	4000	100		300
CI-B2012-22N□□□	2.2	±10%	10	15	100	3800	100		300
CI-B2012-27N□□□	2.7	±10%	10	15	100	3600	100		300
CI-B2012-33N□□□	3.3	±10%	10	15	100	3400	130		300
CI-B2012-39N□□□	3.9	±10%	10	15	100	3200	150		300
CI-B2012-47N□□□	4.7	±10%	10	15	100	3000	200		300
CI-B2012-56N□□□	5.6	±10%	10	15	100	2800	230		300
CI-B2012-68N□□□	6.8	±10%	10	15	100	2600	250		300
CI-B2012-82N□□□	8.2	±10%	10	15	100	2200	280		300
CI-B2012-100□□□	10	±10%	10	15	100	1800	300		300
CI-B2012-120□□□	12	±10%	10	15	100	1650	350		300
CI-B2012-150□□□	15	±10%	10	15	100	1350	400		300
CI-B2012-180□□□	18	±10%	10	15	100	1350	450		300
CI-B2012-220□□□	22	±10%	15	20	100	1100	500		300
CI-B2012-270□□□	27	±10%	15	20	100	1100	550		300
CI-B2012-330□□□	33	±10%	15	20	100	1000	600		300
CI-B2012-390□□□	39	±10%	15	20	100	900	650		300
CI-B2012-470□□□	47	±10%	15	20	100	850	700		300
CI-B2012-560□□□	56	±10%	15	20	100	750	750		300
CI-B2012-680□□□	68	±10%	15	20	100	700	800		300
CI-B2012-820□□□	82	±10%	15	20	100	600	900		300

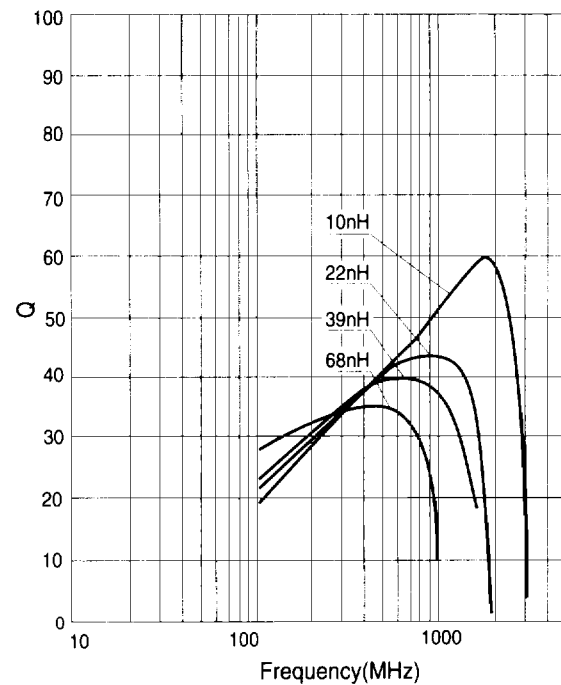
0805 Series Electrical Characteristics

Test equipment: HP 4191A

Impedance Characteristics



Q Characteristics



Inductance Characteristics

