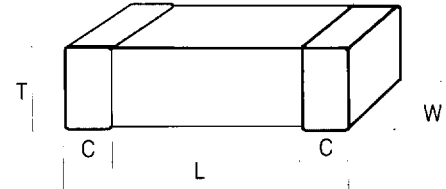


0805 Series Shapes and Dimensions

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



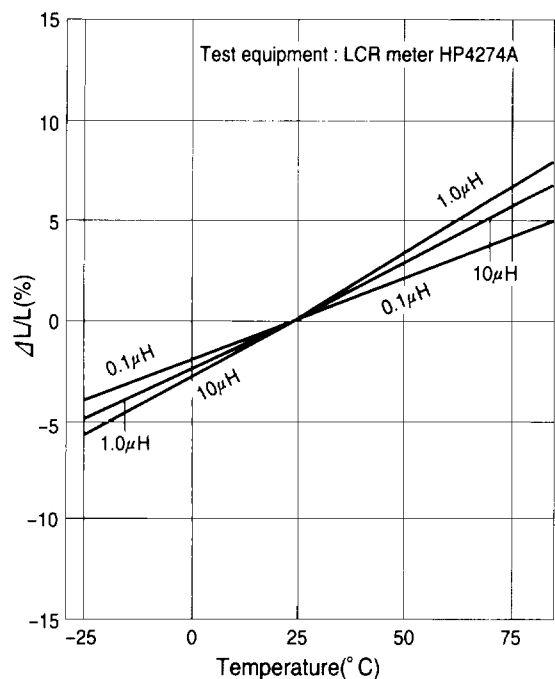
0805 Series Specifications

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

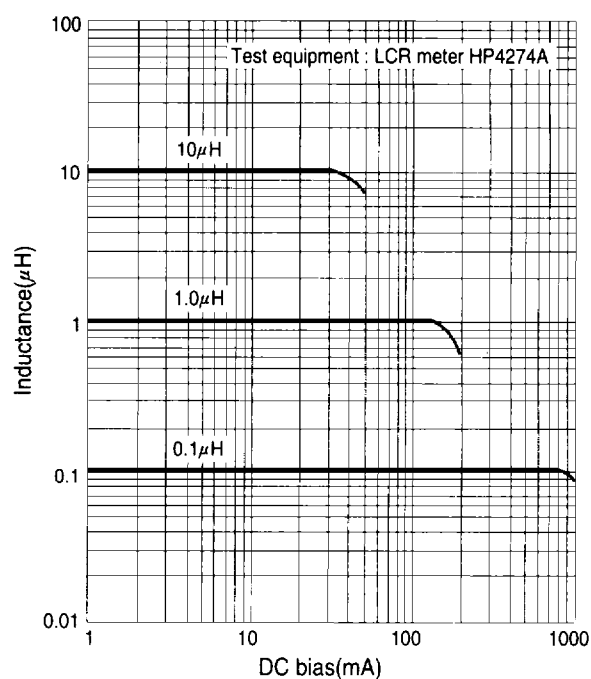
Part Number	Inductance		Q		L. Q. Test Frequency (MHz)	SRF (MHz)		DC Resistance (mΩ)		Rated DC Current (mA)max
	μH	Tolerance	Min.	Typ.		Min	Typ.	Max.	Typ.	
FI-A2012-470□□□	0.047	±20%	20	30	50	320	400	200	80	300
FI-A2012-680□□□	0.068	±20%	20	30	50	280	350	200	80	300
FI-A2012-820□□□	0.082	±20%	20	30	50	255	320	200	80	300
FI-A2012-101□□□	0.10	±10%/±20%	25	35	25	235	300	200	90	250
FI-A2012-121□□□	0.12	±10%/±20%	25	35	25	220	280	200	120	250
FI-A2012-151□□□	0.15	±10%/±20%	25	35	25	200	250	200	130	250
FI-A2012-181□□□	0.18	±10%/±20%	25	35	25	185	230	200	130	250
FI-A2012-221□□□	0.22	±10%/±20%	25	35	25	170	220	250	150	250
FI-A2012-271□□□	0.27	±10%/±20%	25	35	25	150	200	300	200	250
FI-A2012-331□□□	0.33	±10%/±20%	25	35	25	145	180	300	200	250
FI-A2012-391□□□	0.39	±10%/±20%	30	40	25	135	170	400	220	200
FI-A2012-471□□□	0.47	±10%/±20%	30	40	25	125	160	400	250	200
FI-A2012-561□□□	0.56	±10%/±20%	30	40	25	115	150	400	280	150
FI-A2012-681□□□	0.68	±10%/±20%	30	40	25	105	135	500	300	150
FI-A2012-821□□□	0.82	±10%/±20%	30	40	25	100	125	600	350	150
FI-B2012-102□□□	1.0	±10%/±20%	45	55	10	75	105	400	210	50
FI-B2012-122□□□	1.2	±10%/±20%	45	55	10	65	95	500	260	50
FI-B2012-152□□□	1.5	±10%/±20%	45	55	10	60	85	500	260	50
FI-B2012-182□□□	1.8	±10%/±20%	45	55	10	55	75	600	310	50
FI-B2012-222□□□	2.2	±10%/±20%	45	60	10	50	70	650	360	30
FI-B2012-272□□□	2.7	±10%/±20%	45	60	10	45	65	750	410	30
FI-B2012-332□□□	3.3	±10%/±20%	45	60	10	40	55	800	460	30
FI-B2012-392□□□	3.9	±10%/±20%	45	60	10	38	50	900	510	30
FI-B2012-472□□□	4.7	±10%/±20%	45	60	10	35	48	1000	560	30
FI-C2012-562□□□	5.6	±10%/±20%	50	60	4	32	45	900	510	15
FI-C2012-682□□□	6.8	±10%/±20%	50	60	4	29	40	1000	560	15
FI-C2012-822□□□	8.2	±10%/±20%	50	60	4	26	36	1100	610	15
FI-C2012-103□□□	10.0	±10%/±20%	50	60	2	24	33	1150	660	15

0805 Series Electrical Characteristics

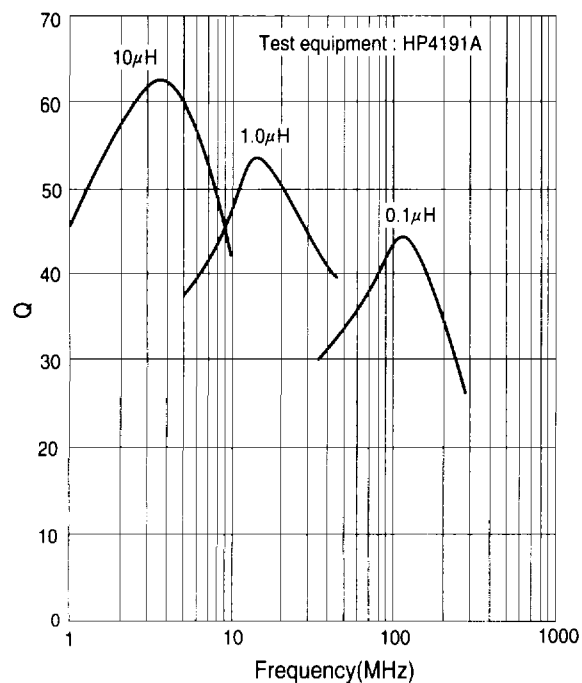
Temperature Characteristics



DC Bias Characteristics



Q Characteristics



Impedance Characteristics

