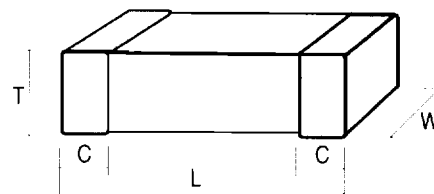


0603 Series Shape and Dimensions

	mm	inches
Length =	1.6 ± 0.15	$.062 \pm .006$
Width =	0.8 ± 0.15	$.031 \pm .006$
T =	0.8 ± 0.15	$.031 \pm .008$
C(max) =	0.5	.019



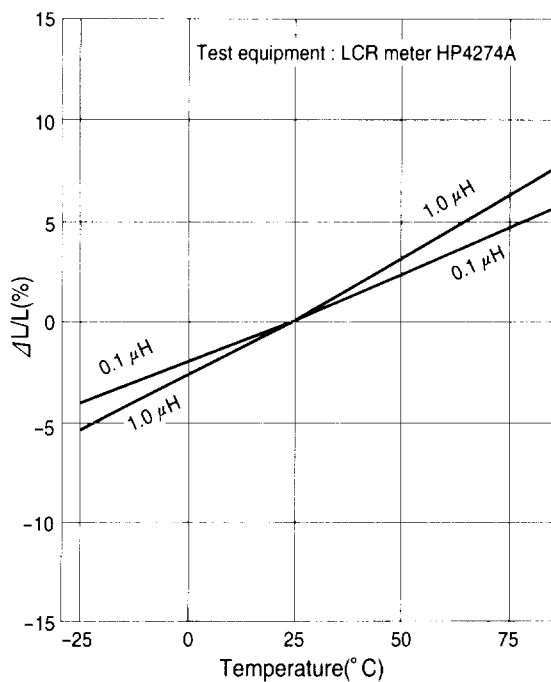
0603 Series Specifications

0603 Series is the US inches equivalent for the 1608 millimeter series.

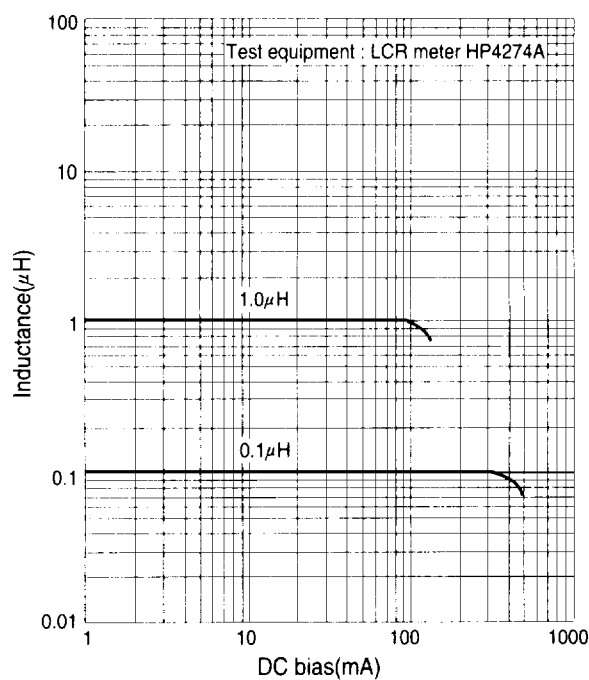
Part Number	Inductance		Q Min.	L. Q. Test Frequency (MHz)	DC Resistance		Rated DC Current (mA)max
	μ H	Tolerance			SRF (MHz) Min	(m Ω) Max.	
FI-A1608-270□□□	0.027	$\pm 20\%$	10	50	260	150	50
FI-A1608-470□□□	0.047	$\pm 20\%$	10	50	260	300	50
FI-A1608-680□□□	0.068	$\pm 20\%$	10	50	250	300	50
FI-A1608-820□□□	0.082	$\pm 20\%$	10	50	245	300	50
FI-A1608-101□□□	0.10	$\pm 10\%/\pm 20\%$	15	25	240	500	50
FI-A1608-121□□□	0.12	$\pm 10\%/\pm 20\%$	15	25	205	500	50
FI-A1608-151□□□	0.15	$\pm 10\%/\pm 20\%$	15	25	180	600	50
FI-A1608-181□□□	0.18	$\pm 10\%/\pm 20\%$	15	25	165	600	50
FI-A1608-221□□□	0.22	$\pm 10\%/\pm 20\%$	15	25	150	800	50
FI-A1608-271□□□	0.27	$\pm 10\%/\pm 20\%$	15	25	136	800	50
FI-A1608-331□□□	0.33	$\pm 10\%/\pm 20\%$	15	25	125	850	35
FI-A1608-391□□□	0.39	$\pm 10\%/\pm 20\%$	15	25	110	1000	35
FI-A1608-471□□□	0.47	$\pm 10\%/\pm 20\%$	15	25	105	1350	35
FI-A1608-561□□□	0.56	$\pm 10\%/\pm 20\%$	15	25	95	1550	35
FI-A1608-681□□□	0.68	$\pm 10\%/\pm 20\%$	15	25	80	1700	35
FI-A1608-821□□□	0.82	$\pm 10\%/\pm 20\%$	15	25	75	2100	35
FI-B1608-102□□□	1.0	$\pm 10\%/\pm 20\%$	35	10	70	600	25
FI-B1608-122□□□	1.2	$\pm 10\%/\pm 20\%$	35	10	60	800	25
FI-B1608-152□□□	1.5	$\pm 10\%/\pm 20\%$	35	10	55	800	25
FI-B1608-182□□□	1.8	$\pm 10\%/\pm 20\%$	35	10	50	950	25
FI-B1608-222□□□	2.2	$\pm 10\%/\pm 20\%$	35	10	45	1150	15
FI-B1608-272□□□	2.7	$\pm 10\%/\pm 20\%$	35	10	40	1350	15
FI-B1608-332□□□	3.3	$\pm 10\%/\pm 20\%$	35	10	38	1550	15
FI-B1608-392□□□	3.9	$\pm 10\%/\pm 20\%$	35	10	36	1700	15
FI-B1608-472□□□	4.7	$\pm 10\%/\pm 20\%$	35	10	33	2100	15

0603 Series Electrical Characteristics

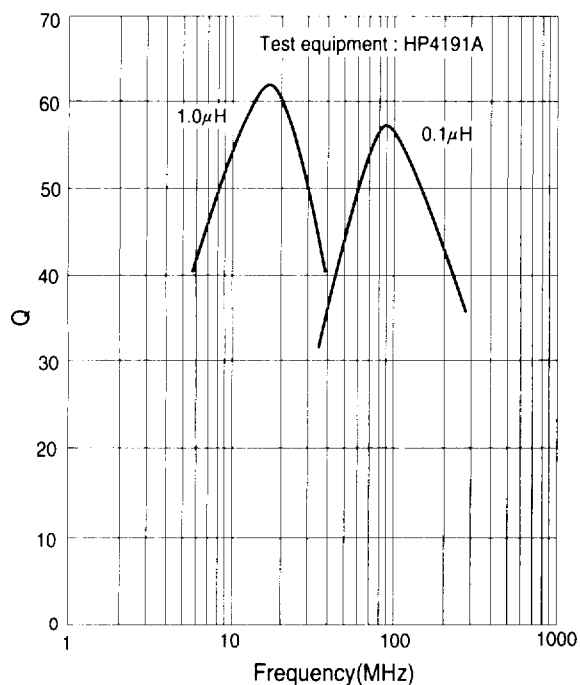
Temperature Characteristics



DC Bias Characteristics



Q Characteristics



Impedance Characteristics

