

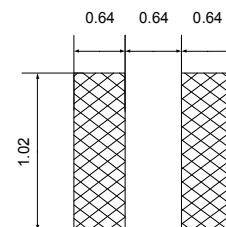
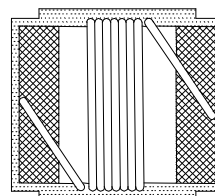
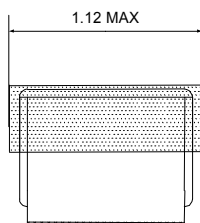
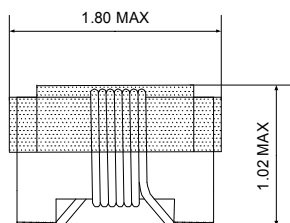
Winding Chip Inductors

SMD TYPE

0603CS Series(1608)

DIMENSIONS & SPECIFICATION

UNIT : mm



LAND PATTERN

Ordering code	Inductance (nH)	Percent tolerance	Q min	SRF min(MHz)	DCR max (Ohms)	Irms(mA)
0603CS-1N6	1.6 @ 250MHz	K, J	24 @ 250MHz	12500	0.030	700
0603CS-1N8	1.8 @ 250MHz	K, J	16 @ 250MHz	12500	0.045	700
0603CS-3N6	3.6 @ 250MHz	K, J	22 @ 250MHz	5900	0.063	700
0603CS-3N9	3.9 @ 250MHz	K, J	22 @ 250MHz	6900	0.08	700
0603CS-4N3	4.3 @ 250MHz	K, J	22 @ 250MHz	5900	0.063	700
0603CS-4N7	4.7 @ 250MHz	K, J	20 @ 250MHz	5800	0.116	700
0603CS-5N1	5.1 @ 250MHz	K, J	20 @ 250MHz	5700	0.14	700
0603CS-5N6	5.6 @ 250MHz	K, J, G	18 @ 250MHz	4760	0.15	700
0603CS-6N8	6.8 @ 250MHz	K, J, G	27 @ 250MHz	5800	0.11	700
0603CS-7N5	7.5 @ 250MHz	K, J, G	28 @ 250MHz	4800	0.106	700
0603CS-8N2	8.2 @ 250MHz	K, J, G	28 @ 250MHz	4200	0.120	700
0603CS-8N7	8.7 @ 250MHz	K, J, G	28 @ 250MHz	4600	0.109	700
0603CS-9N5	9.5 @ 250MHz	J, G	28 @ 250MHz	5400	0.135	700
0603CS-10N	10 @ 250MHz	J, G	31 @ 250MHz	4800	0.13	700
0603CS-11N	11 @ 250MHz	J, G	33 @ 250MHz	4000	0.13	700
0603CS-12N	12 @ 250MHz	J, G	35 @ 250MHz	4000	0.13	700
0603CS-15N	15 @ 250MHz	J, G	35 @ 250MHz	4000	0.17	700
0603CS-16N	16 @ 250MHz	J, G	34 @ 250MHz	3300	0.104	700
0603CS-18N	18 @ 250MHz	J, G	35 @ 250MHz	3100	0.17	700
0603CS-22N	22 @ 250MHz	J, G	38 @ 250MHz	3000	0.19	700
0603CS-24N	24 @ 250MHz	J, G	37 @ 250MHz	2650	0.19	700
0603CS-27N	27 @ 250MHz	J, G	40 @ 250MHz	2800	0.22	600
0603CS-30N	30 @ 250MHz	J, G	37 @ 250MHz	2250	0.22	600
0603CS-33N	33 @ 250MHz	J, G	40 @ 250MHz	2300	0.22	600
0603CS-36N	36 @ 250MHz	J, G	38 @ 250MHz	2080	0.25	600
0603CS-39N	39 @ 250MHz	J, G	40 @ 250MHz	2200	0.25	600
0603CS-43N	43 @ 250MHz	J, G	39 @ 250MHz	2000	0.28	600
0603CS-47N	47 @ 200MHz	J, G	38 @ 200MHz	1900	0.28	600
0603CS-51N	51 @ 200MHz	J, G	35 @ 200MHz	1900	0.28	600
0603CS-56N	56 @ 200MHz	J, G	38 @ 200MHz	1700	0.31	600
0603CS-68N	68 @ 200MHz	J, G	37 @ 200MHz	1700	0.34	600
0603CS-82N	82 @ 150MHz	J, G	34 @ 150MHz	1700	0.54	400
0603CS-R10	100 @ 150MHz	J, G	34 @ 150MHz	1400	0.58	400
0603CS-R11	110 @ 150MHz	J, G	32 @ 150MHz	1350	0.61	300
0603CS-R12	120 @ 150MHz	J, G	32 @ 150MHz	1300	0.75	300
0603CS-R15	150 @ 150MHz	J, G	28 @ 150MHz	990	0.92	280
0603CS-R18	180 @ 100MHz	J, G	25 @ 100MHz	990	1.25	240
0603CS-R20	200 @ 100MHz	J, G	25 @ 100MHz	900	1.95	200
0603CS-R22	220 @ 100MHz	J, G	25 @ 100MHz	900	2.1	200
0603CS-R25	250 @ 100MHz	J, G	25 @ 100MHz	822	3.55	120
0603CS-R27	270 @ 100MHz	J, G	24 @ 100MHz	520	2.30	170
0603CS-R33	330 @ 100MHz	J, G	24 @ 100MHz	500	3.63	160
0603CS-R39	390 @ 100MHz	J, G	22 @ 100MHz	400	3.70	130

Standard Parts selection Guide

Tolerance: G:±2%, J:±5%, K:±10%, S:±0.3nH

*TEST Equipments : L, Q TEST BY HP 4286A / DCR TEST BY ABM3245

SRF TEST BY HP 8753E

*Irms : Current that causes a 15°C temperature rise from 25°C ambient.

Note : Can purchase customizing type, please contact us.