

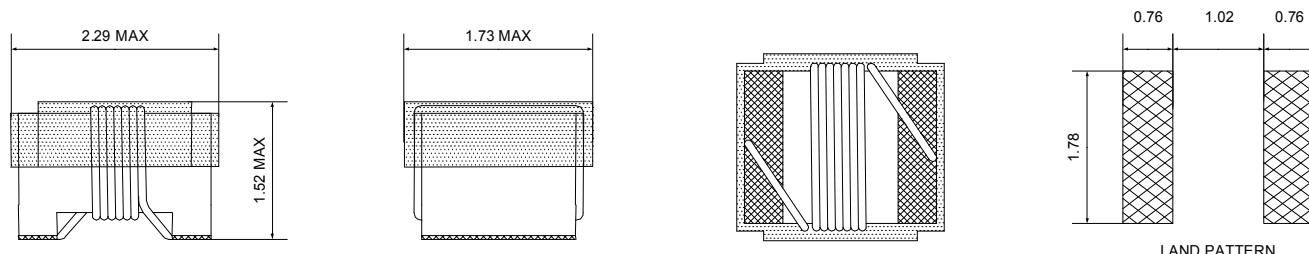
Winding Chip Inductors

SMD TYPE

0805CS Series(2012)

DIMENSIONS & SPECIFICATION

UNIT : mm



Ordering code	Inductance (nH)	Percent tolerance	Q min	SRF min(MHz)	DCR max (Ohms)	Irms(mA)
0805CS-2N7	2.7 @ 250MHz	J, K	50 @ 250MHz	7900	0.06	800
0805CS-2N9	2.9 @ 250MHz	J, K	50 @ 250MHz	7900	0.06	800
0805CS-3N0	3.0 @ 250MHz	J, K	50 @ 250MHz	7900	0.06	800
0805CS-3N3	3.3 @ 250MHz	J, K	50 @ 250MHz	7900	0.08	600
0805CS-5N6	5.6 @ 250MHz	J, K	65 @ 250MHz	5500	0.08	600
0805CS-6N2	6.2 @ 250MHz	J, K	50 @ 250MHz	5500	0.10	600
0805CS-6N8	6.8 @ 250MHz	J, K	50 @ 250MHz	5500	0.11	600
0805CS-7N5	7.5 @ 250MHz	J, K	50 @ 250MHz	4500	0.14	600
0805CS-8N2	8.2 @ 250MHz	J, K	50 @ 250MHz	4400	0.12	600
0805CS-10N	10 @ 250MHz	J, K	60 @ 250MHz	4200	0.10	600
0805CS-12N	12 @ 250MHz	J, K	50 @ 250MHz	4000	0.15	600
0805CS-15N	15 @ 250MHz	G, J, K	50 @ 250MHz	3200	0.17	600
0805CS-18N	18 @ 250MHz	G, J, K	50 @ 250MHz	3100	0.20	600
0805CS-22N	22 @ 250MHz	G, J, K	55 @ 250MHz	2600	0.22	500
0805CS-24N	24 @ 250MHz	G, J, K	50 @ 250MHz	2000	0.22	500
0805CS-27N	27 @ 250MHz	G, J, K	55 @ 250MHz	2500	0.25	500
0805CS-33N	33 @ 250MHz	G, J, K	60 @ 250MHz	2050	0.27	500
0805CS-39N	39 @ 250MHz	G, J, K	60 @ 250MHz	1850	0.27	500
0805CS-43N	43 @ 200MHz	G, J, K	60 @ 200MHz	1650	0.34	500
0805CS-47N	47 @ 200MHz	G, J, K	60 @ 200MHz	1650	0.31	500
0805CS-56N	56 @ 200MHz	G, J, K	60 @ 200MHz	1550	0.34	500
0805CS-68N	68 @ 200MHz	G, J, K	60 @ 200MHz	1450	0.38	500
0805CS-82N	82 @ 150MHz	G, J, K	65 @ 150MHz	1300	0.42	400
0805CS-91N	91 @ 150MHz	G, J, K	65 @ 150MHz	1200	0.48	400
0805CS-R10	100 @ 150MHz	G, J, K	65 @ 150MHz	1200	0.46	400
0805CS-R12	120 @ 150MHz	G, J, K	50 @ 150MHz	1100	0.51	400
0805CS-R15	150 @ 100MHz	G, J, K	50 @ 100MHz	920	0.56	400
0805CS-R18	180 @ 100MHz	G, J, K	50 @ 100MHz	870	0.64	400
0805CS-R22	220 @ 100MHz	G, J, K	50 @ 100MHz	820	0.7	400
0805CS-R24	240 @ 100MHz	G, J, K	44 @ 100MHz	690	1.0	350
0805CS-R27	270 @ 100MHz	G, J, K	48 @ 100MHz	650	1.0	350
0805CS-R30	300 @ 150MHz	G, J, K	25 @ 150MHz	450	1.4	310
0805CS-R33	330 @ 100MHz	G, J, K	48 @ 100MHz	600	1.4	310
0805CS-R39	390 @ 100MHz	G, J, K	48 @ 100MHz	560	1.5	290
0805CS-R47	470 @ 50MHz	G, J, K	33 @ 50MHz	375	1.76	250
0805CS-R56	560 @ 25MHz	G, J, K	23 @ 25MHz	340	1.9	230
0805CS-R68	680 @ 25MHz	G, J, K	23 @ 25MHz	188	2.2	190
0805CS-R82	820 @ 25MHz	G, J, K	23 @ 25MHz	215	2.35	180
0805CS-R91	910 @ 25MHz	G, J, K	22 @ 25MHz	250	2.35	170
0805CS-1R0	1000 @ 25MHz	G, J, K	20 @ 25MHz	220	2.5	170
0805CS-1R2	1200 @ 25MHz	G, J, K	20 @ 25MHz	180	2.9	150
0805CS-1R5	1500 @ 25MHz	G, J, K	20 @ 25MHz	160	3.3	150
0805CS-1R8	1800 @ 25MHz	G, J, K	20 @ 25MHz	130	3.5	150

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.