

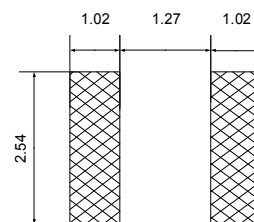
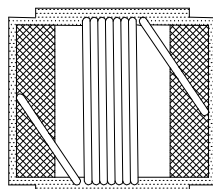
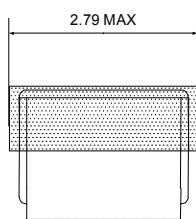
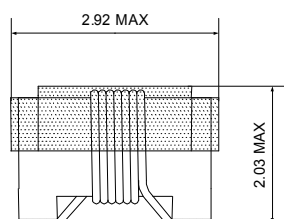
Winding Chip Inductors

SMD TYPE

1008CS Series(2520)

DIMENSIONS & SPECIFICATION

UNIT : mm



LAND PATTERN

Ordering code	Inductance (nH)	Percent tolerance	Q min	SRF min(MHz)	DCR max (Ohms)	Irms(mA)
1008CS-10N	10 @ 50MHz	G,J,K	50 @ 50MHz	4100	0.08	1000
1008CS-12N	12 @ 50MHz	G,J,K	50 @ 50MHz	3300	0.09	1000
1008CS-15N	15 @ 50MHz	G,J,K	50 @ 50MHz	2500	0.10	1000
1008CS-18N	18 @ 50MHz	G,J,K	50 @ 350MHz	2500	0.11	1000
1008CS-22N	22 @ 50MHz	G,J,K	50 @ 350MHz	2400	0.12	1000
1008CS-27N	27 @ 50MHz	G,J,K	50 @ 350MHz	1600	0.13	1000
1008CS-33N	33 @ 50MHz	G,J,K	50 @ 350MHz	1600	0.14	1000
1008CS-39N	39 @ 50MHz	G,J,K	50 @ 350MHz	1500	0.15	1000
1008CS-47N	47 @ 50MHz	G,J,K	50 @ 350MHz	1500	0.16	1000
1008CS-56N	56 @ 50MHz	G,J,K	50 @ 350MHz	1300	0.18	1000
1008CS-68N	68 @ 50MHz	G,J,K	50 @ 350MHz	1300	0.20	1000
1008CS-82N	82 @ 50MHz	G,J,K	50 @ 350MHz	1000	0.22	1000
1008CS-R10	100 @ 25MHz	G,J,K	60 @ 350MHz	1000	0.56	650
1008CS-R12	120 @ 25MHz	G,J,K	60 @ 350MHz	950	0.63	650
1008CS-R15	150 @ 25MHz	G,J,K	45 @ 100MHz	850	0.70	580
1008CS-R18	180 @ 25MHz	G,J,K	45 @ 100MHz	750	0.77	620
1008CS-R20	200 @ 25MHz	G,J,K	45 @ 100MHz	750	0.81	500
1008CS-R22	220 @ 25MHz	G,J,K	45 @ 100MHz	700	0.84	500
1008CS-R27	270 @ 25MHz	G,J,K	45 @ 100MHz	600	0.91	500
1008CS-R33	330 @ 25MHz	G,J,K	45 @ 100MHz	570	1.05	450
1008CS-R39	390 @ 25MHz	G,J,K	45 @ 100MHz	500	1.12	470
1008CS-R47	470 @ 25MHz	G,J,K	45 @ 100MHz	450	1.19	470
1008CS-R56	560 @ 25MHz	G,J,K	45 @ 100MHz	415	1.33	400
1008CS-R62	620 @ 25MHz	G,J,K	45 @ 100MHz	375	1.40	360
1008CS-R68	680 @ 25MHz	G,J,K	45 @ 100MHz	375	1.47	400
1008CS-R75	750 @ 25MHz	G,J,K	45 @ 100MHz	360	1.54	360
1008CS-R82	820 @ 25MHz	G,J,K	45 @ 100MHz	350	1.61	400
1008CS-R91	910 @ 25MHz	G,J,K	35 @ 50MHz	320	1.68	380
1008CS-1R0	1000 @ 25MHz	G,J,K	35 @ 50MHz	290	1.75	370
1008CS-1R2	1200 @ 7.9MHz	G,J,K	35 @ 50MHz	250	2.0	310
1008CS-1R5	1500 @ 7.9MHz	G,J,K	28 @ 50MHz	200	2.3	330
1008CS-1R8	1800 @ 7.9MHz	G,J,K	28 @ 50MHz	160	2.6	300
1008CS-2R2	2200 @ 7.9MHz	G,J,K	28 @ 50MHz	160	2.8	280
1008CS-2R7	2700 @ 7.9MHz	G,J,K	22 @ 25MHz	140	3.2	290
1008CS-3R3	3300 @ 7.9MHz	G,J,K	22 @ 25MHz	110	3.4	290
1008CS-3R9	3900 @ 7.9MHz	G,J,K	20 @ 25MHz	100	3.6	260
1008CS-4R7	4700 @ 7.9MHz	G,J,K	20 @ 25MHz	90	4.0	260
1008CS-5R6	5600 @ 7.9MHz	G,J,K	16 @ 7.9MHz	45	4.0	240
1008CS-6R8	6800 @ 7.9MHz	G,J,K	18 @ 7.9MHz	40	4.9	200
1008CS-8R2	8200 @ 7.9MHz	G,J,K	18 @ 7.9MHz	25	6.0	170

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.