



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

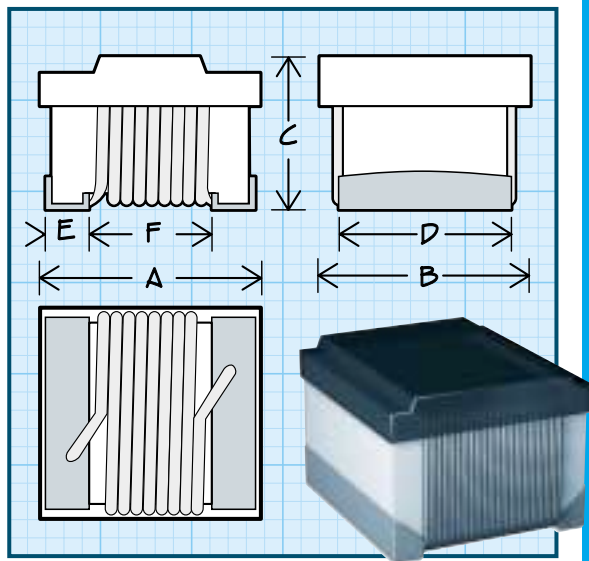
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Series 0805 Open Construction Wirewound Surface Mount Inductors



Physical Parameters

	Inches	Millimeters
A	0.090 Max.	2.29 Max.
B	0.068 Max.	1.73 Max.
C	0.060 Max.	1.52 Max.
D	0.050 (Ref. only)	1.27 (Ref. only)
E	0.018 (Ref. only)	0.44 (Ref. only)
F	0.040 (Ref. only)	1.03 (Ref. only)
G	0.070	1.78
H	0.040	1.02
I	0.030	0.76

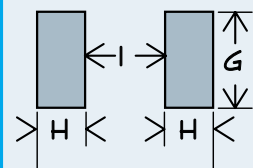
Operating Temperature Range -40°C to +125°C

Standard Termination 90/10 Solder plating

Inductance and Q tested on HP4291A using HP16193A test fixture

Packaging Tape & reel (8mm): 7" reel, 2000 pieces max.

LAND PATTERN DIMENSIONS



PART NUMBER	SERIES 0805 CERAMIC CORE						
	INDUCTANCE (nH) ±10%	INDUCTANCE TEST FREQUENCY (MHz)	Q MINIMUM	Q TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
0805-2N8K	2.8	250	80	1500	7900	0.06	800
0805-3N0K	3	250	65	1500	7900	0.06	800
0805-3N3K	3.3	250	50	1500	6000	0.08	600
0805-5N6K	5.6	250	65	1000	5500	0.08	600
0805-6N8K	6.8	250	50	1000	5500	0.11	600
0805-7N5K	7.5	250	50	1000	4500	0.14	600
0805-8N2K	8.2	250	50	1000	4700	0.12	600
0805-10NK	10	250	60	500	4200	0.10	600
0805-12NK	12	250	50	500	4000	0.15	600
0805-15NK	15	250	50	500	3400	0.17	600
0805-18NK	18	250	50	500	3300	0.20	600
0805-22NK	22	250	55	500	2600	0.22	500
0805-24NK	24	250	50	500	2000	0.22	500
0805-27NK	27	250	55	500	2500	0.25	500
0805-33NK	33	250	60	500	2050	0.27	500
0805-36NK	36	250	55	500	1700	0.27	500
0805-39NK	39	250	60	500	2000	0.29	500
0805-43NK	43	200	60	500	1650	0.34	500
0805-47NK	47	200	60	500	1650	0.31	500
0805-56NK	56	200	60	500	1550	0.34	500
0805-68NK	68	200	60	500	1450	0.38	500
0805-82NK	82	150	65	500	1300	0.42	400
0805-91NK	91	150	65	500	1200	0.48	400
0805-101K	100	150	65	500	1200	0.46	400
0805-111K	110	150	50	250	1000	0.48	400
0805-121K	120	150	50	250	1100	0.51	400
0805-151K	150	100	50	250	920	0.56	400
0805-181K	180	100	50	250	870	0.64	400
0805-221K	220	100	50	250	850	0.70	400
0805-241K	240	100	44	250	690	1.0	350
0805-271K	270	100	48	250	650	1.0	350
0805-331K	330	100	48	250	600	1.4	310
0805-391K	390	100	48	250	560	1.5	290
0805-471K	470	50	33	100	375	1.7	220
0805-561K	560	25	23	50	340	1.9	210
0805-621K	620	25	23	50	220	2.2	210
0805-681K	680	25	23	50	200	2.2	190
0805-751K	750	25	23	50	200	2.3	180
0805-821K	820	25	23	50	200	2.35	180

Optional Tolerances: 8.2nH & Lower J = 5%
All Other Values: J = 5% G = 2%