



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

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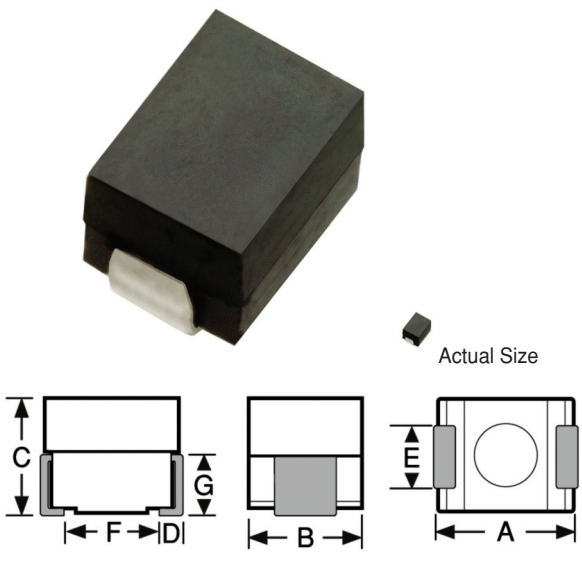
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



Shielded Surface Mount Inductors

INDUCTANCE (μH) ±10%	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
DASH NUMBER*	Q MINIMUM			



Physical Parameters

	Inches	Millimeters
A	0.118 to 0.138	3.00 to 3.51
B	0.085 to 0.105	2.16 to 2.66
C	0.081 to 0.101	2.06 to 2.57
D	0.016 Min.	0.41 Min.
E	0.041 to .061	1.04 to 1.55
F	0.070 (Ref. only)	1.78 (Ref. only)
G	0.054 (Ref. only)	1.37 (Ref. only)

Dimensions "A" and "C" are over terminals.

Weight Max. (Grams) 0.1

Operating Temperature Range -55°C to +125°C

Current Rating at 90°C Ambient 35°C Rise

Maximum Power Dissipation at 90°C

Iron: 0.266 W
 Ferrite: 0.224 W

Marking SMD; S followed by dash number with tolerance letter; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

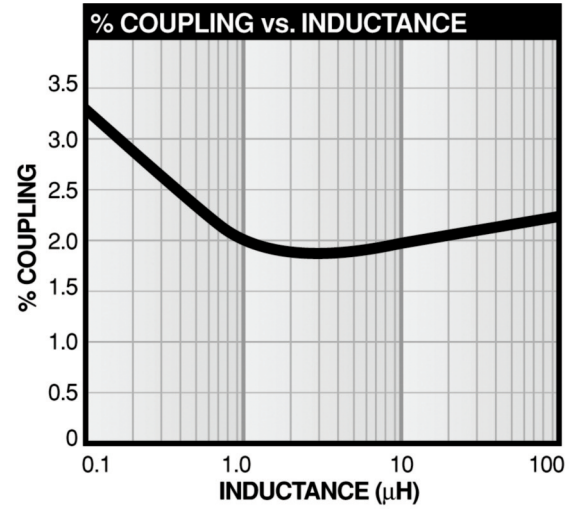
Example: S1210R-471K
 SMD
 S471K
 R 0912B

Packaging Tape & reel (8mm): 7" reel, 2000 pieces max.; 13" reel, 7000 pieces max.

Made In the U.S.A.

SERIES S1210 IRON CORE						
-101K	0.10	40	25	375	0.15	1131
-121K	0.12	40	25	350	0.17	1062
-151K	0.15	40	25	330	0.20	979
-181K	0.18	40	25	310	0.22	934
-221K	0.22	40	25	300	0.25	876
-271K	0.27	40	25	290	0.30	800
-331K	0.33	40	25	255	0.35	740
-391K	0.39	40	25	230	0.40	692
-471K	0.47	40	25	220	0.45	653
-561K	0.56	40	25	200	0.50	619
-681K	0.68	40	25	180	0.55	590
-821K	0.82	40	25	170	0.60	565
SERIES S1210 FERRITE CORE						
-102K	1.0	40	7.9	140	0.40	635
-122K	1.2	40	7.9	120	0.49	574
-152K	1.5	40	7.9	110	0.57	532
-182K	1.8	40	7.9	95	0.65	498
-222K	2.2	40	7.9	80	0.73	470
-272K	2.7	40	7.9	70	0.75	464
-332K	3.3	40	7.9	45	0.80	449
-392K	3.9	40	7.9	42	0.83	441
-472K	4.7	40	7.9	40	1.00	402
-562K	5.6	40	7.9	38	1.30	352
-682K	6.8	40	7.9	35	1.50	328
-822K	8.2	40	7.9	32	1.70	308
-103K	10.0	40	2.5	28	1.90	291
-123K	12.0	40	2.5	25	2.10	277
-153K	15.0	40	2.5	23	2.50	254
-183K	18.0	40	2.5	21	2.80	240
-223K	22.0	40	2.5	19	3.00	232
-273K	27.0	40	2.5	16	4.00	201
-333K	33.0	40	2.5	14	4.50	189
-393K	39.0	40	2.5	12	5.00	179
-473K	47.0	40	2.5	10	5.50	171
-563K	56.0	40	2.5	8	6.30	160
-683K	68.0	40	2.5	8	7.00	152
-823K	82.0	40	2.5	8	8.50	137
-104K	100.0	40	2.5	8	10.00	127

For more detailed graphs, contact factory



Optional Tolerances: J = 5% H = 3% G = 2% F = 1%
 *Complete part # must include series # PLUS the dash #
 For surface finish information, refer to www.delevanfinishes.com