



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!



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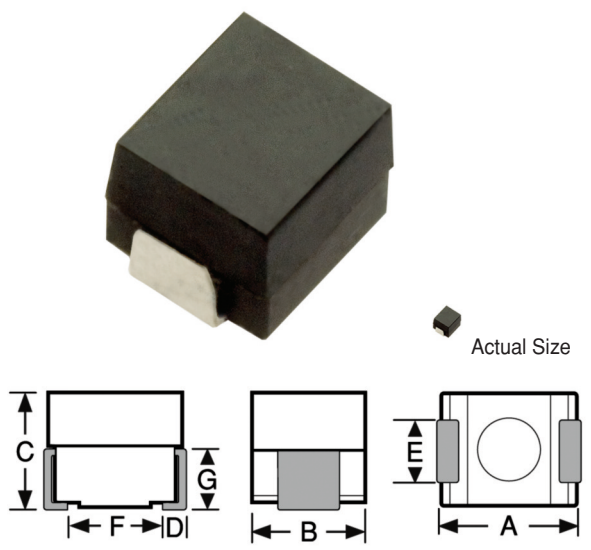
SERIES

S1008R
S1008



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	0.095 to 0.115	2.41 to 2.92
B	0.085 to 0.105	2.16 to 2.66
C	0.075 to 0.095	1.91 to 2.41
D	0.010 to 0.030	0.26 to 0.76
E	0.040 to 0.060	1.02 to 1.52
F	0.060 (Ref. only)	1.52 (Ref. only)
G	0.045 (Ref. only)	1.14 (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 0.157 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: S1008-471H
SMD
S471H
0912A

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

Made In the U.S.A.

SERIES S1008 FERRITE CORE						
-101K	0.10	40	25	383	0.09	1120
-121K	0.12	40	25	368	0.10	1060
-151K	0.15	40	25	353	0.11	1015
-181K	0.18	40	25	338	0.12	970
-221K	0.22	40	25	323	0.13	930
-271K	0.27	40	25	308	0.14	900
-331K	0.33	40	25	293	0.15	865
-391K	0.39	40	25	278	0.16	840
-471K	0.47	40	25	255	0.17	815
-561K	0.56	40	25	232	0.18	790
-621K	0.62	40	25	200	0.19	770
-681K	0.68	40	25	186	0.20	750
-751K	0.75	40	25	163	0.21	735
-821K	0.82	40	25	140	0.22	715
-911K	0.91	40	25	130	0.24	685
-102K	1.0	30	7.9	120	0.25	670
-122K	1.2	30	7.9	95	0.29	625
-152K	1.5	30	7.9	72	0.42	545
-182K	1.8	30	7.9	66	0.60	435
-222K	2.2	30	7.9	60	0.80	375
-272K	2.7	30	7.9	55	0.85	365
-332K	3.3	30	7.9	50	0.90	355
-392K	3.9	30	7.9	45	1.00	335
-472K	4.7	30	7.9	42	1.20	305
-562K	5.6	30	7.9	40	1.30	295
-682K	6.8	30	7.9	38	1.80	250
-822K	8.2	30	7.9	32	1.90	240
-103K	10	30	7.9	29	2.10	230
-123K	12	30	2.5	28	3.50	220
-153K	15	30	2.5	25	4.00	210
-183K	18	30	2.5	21	5.00	200
-223K	22	30	2.5	18	6.00	170
-273K	27	30	2.5	15	7.00	160
-333K	33	30	2.5	12	7.40	125
-393K	39	30	2.5	10	8.00	120
-473K	47	30	2.5	8	9.00	110

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