



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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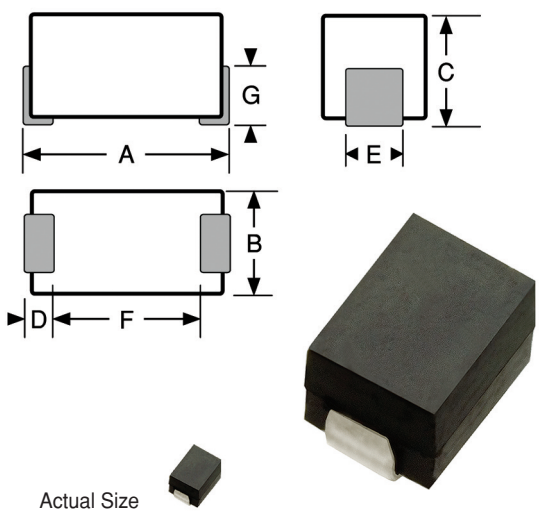
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Surface Mount Power Inductors

INDUCTANCE (μH) ±10%
TEST FREQUENCY (MHz)
DASH NUMBER
DC RESISTANCE MAXIMUM (OHMS)
CURRENT RATING MAXIMUM (mA)
INCREMENTAL CURRENT DC (mA)



Physical Parameters

	Inches	Millimeters
A	0.235 to 0.255	5.97 to 6.48
B	0.085 to 0.105	2.16 to 2.67
C	0.090 to 0.110	2.29 to 2.79
D	0.060 to 0.080	1.52 to 2.03
E	0.035 to 0.055	0.89 to 1.40
F	0.100 (Ref. only)	2.54 (Ref. only)
G	0.058 (Ref. only)	1.47 (Ref. only)

Dimensions "A" and "C" are over terminals

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

Maximum Power Dissipation at 60°C 0.56 W

Note Current rating is based on 60°C ambient and 125°C max. operating temperature. The Incremental Current is the current which causes a maximum change of inductance of 10%.

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

Example: 2512-102K
API/SMD
HC102K
0845A

Packaging Tape & reel (12mm):
7" reel, 750 pieces max.; 13" reel, 2700 pieces max.

Made In the U.S.A.

SERIES 2512 FERRITE CORE					
-102K	1.0	7.9	0.15	1640	1230
-122K	1.2	7.9	0.21	1390	1040
-152K	1.5	7.9	0.27	1220	920
-182K	1.8	7.9	0.29	1180	890
-222K	2.2	7.9	0.40	1000	750
-272K	2.7	7.9	0.54	865	649
-332K	3.3	7.9	0.75	734	551
-392K	3.9	7.9	0.82	702	527
-472K	4.7	7.9	1.0	636	477
-562K	5.6	7.9	1.1	606	455
-682K	6.8	7.9	1.2	580	435
-822K	8.2	7.9	1.3	557	418
-103K	10.0	7.9	1.5	519	389
-123K	12.0	2.5	1.6	503	377
-153K	15.0	2.5	1.8	474	355
-183K	18.0	2.5	2.6	394	296
-223K	22.0	2.5	3.5	340	255
-273K	27.0	2.5	3.7	330	248
-333K	33.0	2.5	3.8	326	245
-393K	39.0	2.5	3.9	322	242
-473K	47.0	2.5	4.2	310	233
-563K	56.0	2.5	4.6	296	222
-683K	68.0	2.5	5.1	281	211
-823K	82.0	2.5	5.6	278	209
-104K	100.0	2.5	6.0	260	195

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