



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

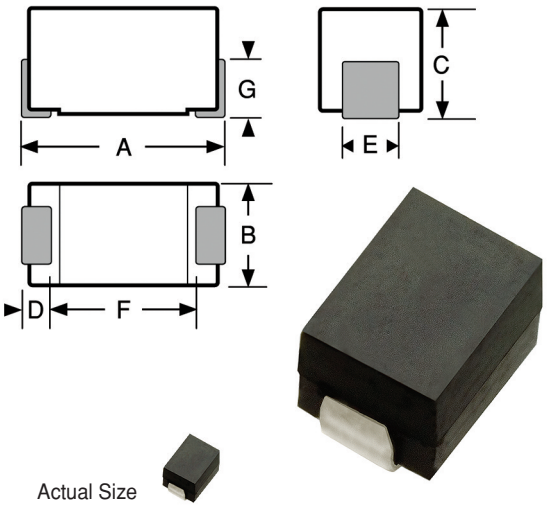
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Unshielded Surface Mount Inductors



Actual Size

Physical Parameters

	Inches	Millimeters
A	0.300 to 0.325	7.62 to 8.26
B	0.105 to 0.125	2.67 to 3.18
C	0.125 to 0.145	3.18 to 3.68
D	0.020 Min.	0.508 Min.
E	0.040 to 0.060	1.02 to 1.52
F	0.190 (Ref. only)	4.83 (Ref. only)
G	0.070 (Ref. only)	1.78 (Ref. only)

Weight Max (Grams) 0.30

Operating Temperature Range

Phenolic: -55°C to +125°C
 Iron and Ferrite: -55°C to +105°C

Current Rating at 90°C Ambient

Phenolic: 35°C Rise
 Iron and Ferrite: 15°C Rise

Maximum Power Dissipation at 90°C Ambient

Phenolic: 0.210 W
 Iron: 0.090 W
 Ferrite: 0.073 W

Marking API/SMD; inductance with units and tolerance; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: 1330-42K
 API/SMD
 8.2uH±10%
 0218A

Packaging Tape & reel (16mm): 7" reel, 500 pieces max.; 13" reel, 2200 pieces max.

Made In the U.S.A.

DASH NUMBER*	INDUCTANCE (uH) ±10%	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
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SERIES 1330 PHENOLIC CORE						
-94K	0.10	40	25.0	680.0	0.08	1380
-96K	0.12	40	25.0	640.0	0.09	1300
-00K	0.15	38	25.0	600.0	0.10	1230
-02K	0.18	35	25.0	550.0	0.12	1120
-04K	0.22	33	25.0	510.0	0.14	1040
-06K	0.27	33	25.0	430.0	0.16	975
-08K	0.33	30	25.0	410.0	0.22	830
-10K	0.39	30	25.0	365.0	0.30	710
-12K	0.47	30	25.0	330.0	0.35	660
-14K	0.56	30	25.0	300.0	0.50	550
-16K	0.68	28	25.0	275.0	0.60	500
-18K	0.82	28	25.0	250.0	0.85	420
-20K	1.00	25	25.0	230.0	1.00	390

SERIES 1330 IRON CORE						
-22K	1.20	25	7.9	150.0	0.18	620
-24K	1.50	28	7.9	140.0	0.22	560
-26K	1.80	30	7.9	125.0	0.30	480
-28K	2.20	30	7.9	115.0	0.40	415
-30K	2.70	37	7.9	100.0	0.55	355
-32K	3.30	45	7.9	90.0	0.85	285
-34K	3.90	45	7.9	80.0	1.00	263
-36K	4.70	45	7.9	75.0	1.20	239
-38K	5.60	50	7.9	65.0	1.80	195
-40K	6.80	50	7.9	60.0	2.00	185
-42K	8.20	55	7.9	55.0	2.70	160
-44K	10.00	55	7.9	50.0	3.30	144
-46K	12.0	45	2.5	40.0	2.70	160
-48K	15.0	45	2.5	35.0	2.80	157
-50K	18.0	45	2.5	30.0	3.10	149
-52K	22.0	45	2.5	25.0	3.30	144
-54K	27.0	45	2.5	20.0	3.50	140

SERIES 1330 FERRITE CORE						
-56K	33.0	35	2.5	24.0	3.40	130
-58K	39.0	35	2.5	22.0	3.60	125
-60K	47.0	35	2.5	20.0	4.50	110
-62K	56.0	35	2.5	18.0	5.70	100
-64K	68.0	35	2.5	15.0	6.70	92
-66K	82.0	35	2.5	14.0	7.30	88
-68K	100.0	35	2.5	13.0	8.00	84
-70K	120.0	30	0.79	12.0	13.00	66
-72K	150.0	30	0.79	11.0	15.00	61
-74K	180.0	30	0.79	10.0	17.00	57
-76K	220.0	30	0.79	9.0	21.00	52
-78K	270.0	30	0.79	8.0	25.00	47
-80K	330.0	30	0.79	7.0	28.00	45
-82K	390.0	30	0.79	6.5	35.00	40
-84K	470.0	30	0.79	6.0	42.00	36
-86K	560.0	30	0.79	5.0	46.00	35
-88K	680.0	30	0.79	4.2	60.00	30
-90K	820.0	30	0.79	3.8	65.00	29
-92K	1000.0	30	0.79	3.4	72.00	28

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