



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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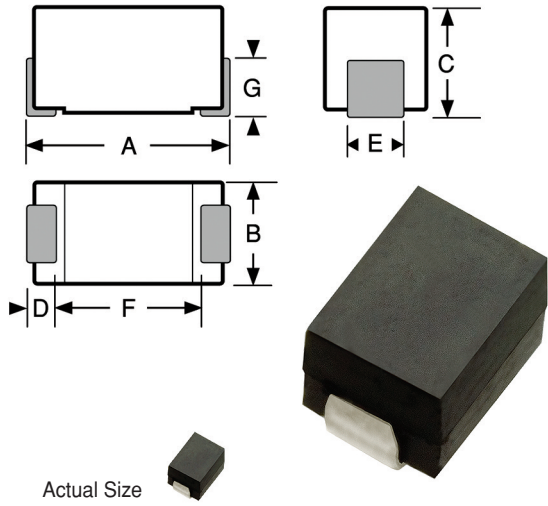
SERIES

**P1330R
P1330**



Surface Mount Power Inductors

Power 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 -55°C to +125°C
Current Rating at 90°C Ambient 35°C Rise
Maximum Power Dissipation at 90°C 0.210 W

Inductance Measured at 1V with no DC current
Incremental Current The current at which the inductance will be decreased by a maximum of 5% from its initial zero DC value.

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

Example: P1330-104J
 API/SMD
 8.2uH±10%P
 0719A

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% @ 1 kHz
DC RESISTANCE MAXIMUM (OHMS)
CURRENT RATING MAXIMUM (mA DC)
INCREMENTAL CURRENT (mA DC)

SERIES P1330 FERRITE CORE				
-102K	1.0	0.035	2780	1526
-122K	1.2	0.041	2690	1400
-152K	1.5	0.043	2030	1291
-182K	1.8	0.048	1950	1180
-222K	2.2	0.075	1690	1104
-272K	2.7	0.080	1550	936
-332K	3.3	0.108	1460	840
-392K	3.9	0.118	1390	732
-472K	4.7	0.125	1330	720
-562K	5.6	0.145	1110	612
-682K	6.8	0.165	1080	600
-822K	8.2	0.180	1020	600
-103K	10	0.216	946	564
-123K	12	0.252	912	516
-153K	15	0.288	858	432
-183K	18	0.328	817	420
-223K	22	0.384	694	348
-273K	27	0.425	657	324
-333K	33	0.538	568	270
-393K	39	0.600	488	270
-473K	47	0.792	467	246
-563K	56	0.900	442	216
-683K	68	1.020	384	174
-823K	82	1.380	362	150
-104K	100	1.680	347	132
-124K	120	1.800	327	111
-154K	150	2.040	272	106
-184K	180	2.400	261	89
-224K	220	2.648	223	72
-274K	270	4.320	191	60
-334K	330	4.800	179	57
-394K	390	5.640	171	48
-474K	470	6.000	161	41
-564K	560	6.960	138	35
-684K	680	8.760	130	30
-824K	820	9.960	113	26
-105K	1000	11.160	105	22

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