



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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

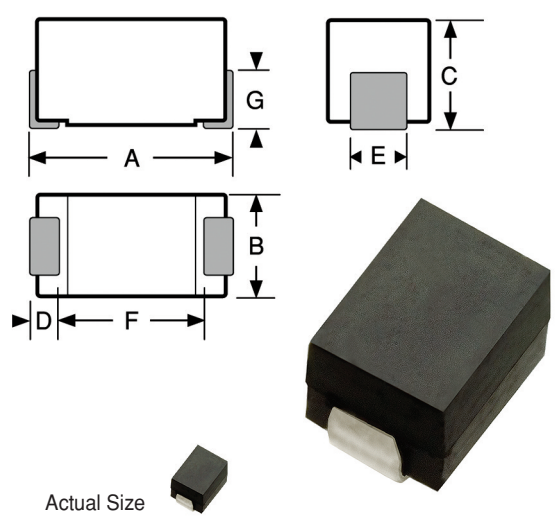


**SERIES 1331R
1331**



Shielded Surface Mount Inductors

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



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)

Dimensions "A" and "C" are over terminations

Weight Max (Grams) 0.30

Operating Temperature Range -55°C to +105°C

Current Rating at 90°C Ambient 15°C Rise

Maximum Power Dissipation at 90°C 0.585 W

Incremental Current Current level which causes a maximum of 5% decrease in inductance.

Coupling 3% Max.

****Note** Self Resonant Frequency (SRF) values for -101K to -331K are calculated and for reference only.

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

Example: 1331R-683K
API/SMD
68uH±10%S
R 0719B

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

Made In the U.S.A.

SERIES 1331 IRON CORE - IRON SLEEVE							
-101K	0.10	45	25.0	490.0**	0.10	670	670
-121K	0.12	45	25.0	430.0**	0.11	635	635
-151K	0.15	45	25.0	415.0**	0.12	610	610
-181K	0.18	45	25.0	375.0**	0.13	585	585
-221K	0.22	45	25.0	330.0**	0.15	545	545
-271K	0.27	45	25.0	300.0**	0.16	530	530
-331K	0.33	44	25.0	260.0**	0.18	495	495
-391K	0.39	42	25.0	230.0	0.19	485	485
-471K	0.47	41	25.0	220.0	0.21	460	460
-561K	0.56	41	25.0	210.0	0.23	440	440
-681K	0.68	39	25.0	180.0	0.24	430	430
-821K	0.82	38	25.0	165.0	0.27	405	405
-102K	1.00	37	25.0	150.0	0.30	385	385
-122K	1.20	40	7.9	130.0	0.73	247	247
-152K	1.50	41	7.9	115.0	0.86	228	228
-182K	1.80	43	7.9	105.0	0.95	217	217
-222K	2.20	45	7.9	95.0	1.10	202	202
-272K	2.70	48	7.9	90.0	1.20	193	193
-332K	3.30	49	7.9	80.0	1.30	185	185
-392K	3.90	50	7.9	75.0	1.50	173	173
-472K	4.70	50	7.9	70.0	2.40	136	136
-562K	5.60	50	7.9	60.0	2.90	124	124
-682K	6.80	50	7.9	55.0	3.20	118	118
-822K	8.20	50	7.9	53.0	3.60	111	111
-103K	10.0	50	7.9	50.0	4.00	106	106

SERIES 1331 IRON CORE - FERRITE SLEEVE							
-123K	12.0	36	2.5	35.0	3.00	122	122
-153K	15.0	38	2.5	30.0	3.40	115	115
-183K	18.0	40	2.5	26.0	3.80	108	108
-223K	22.0	40	2.5	24.0	4.90	96	96
-273K	27.0	40	2.5	21.0	5.80	88	88
-333K	33.0	41	2.5	20.0	6.50	83	83
-393K	39.0	42	2.5	19.0	7.90	75	75
-473K	47.0	44	2.5	16.0	9.30	69	69
-563K	56.0	44	2.5	15.0	11.0	64	64
-683K	68.0	45	2.5	13.0	12.0	61	61
-823K	82.0	45	2.5	11.0	13.0	59	59
-104K	100.0	40	2.5	10.5	16.8	51	51

SERIES 1331 FERRITE CORE - FERRITE SLEEVE							
-124K	120.0	31	0.79	13.0	5.80	88	27
-154K	150.0	33	0.79	12.0	7.90	75	24
-184K	180.0	33	0.79	11.0	9.40	69	22
-224K	220.0	35	0.79	10.0	11.0	64	20
-274K	270.0	35	0.79	9.0	12.0	61	18
-334K	330.0	35	0.79	8.0	16.0	53	16
-394K	390.0	35	0.79	7.8	21.0	46	14
-474K	470.0	35	0.79	7.5	24.0	43	13
-564K	560.0	35	0.79	7.0	28.0	40	12

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