



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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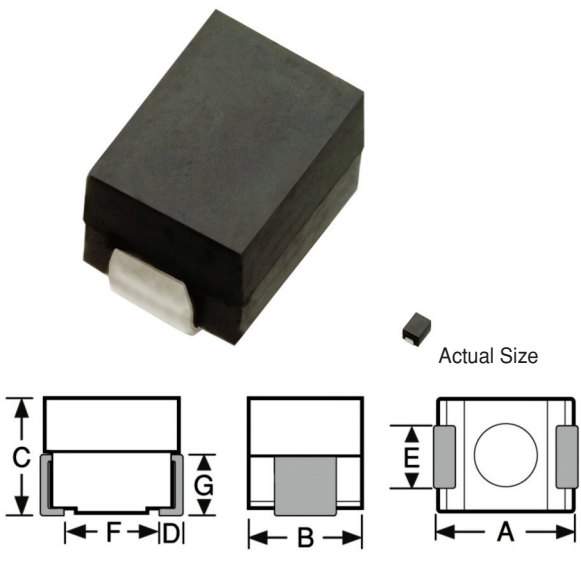


SERIES 1210R
1210



Surface Mount Inductors

DASH NUMBER*	INDUCTANCE (µH)	TOLERANCE	Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
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Physical Parameters

	Inches	Millimeters
A	0.118 to 0.138	3.00 to 3.51
B	0.085 to 0.105	2.16 to 2.67
C	0.081 to 0.101	2.06 to 2.57
D	0.016 (Min.)	0.41 (Min.)
E	0.041 to 0.061	1.04 to 1.55
F	0.070 (Ref. only)	1.78 (Ref. only)
G	0.054 (Ref. only)	1.37 (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 Ambient

Phenolic: 0.168 W
Iron: 0.287 W
Ferrite: 0.287 W

****Note** Self Resonant Frequency (SRF) values are calculated and for reference only.

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

Example: 1210-018M
SMD
018M
0642C

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

Made In the U.S.A.

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

SERIES 1210 PHENOLIC CORE							
-018M	0.0018	± 20%	40	50.0	2700**	0.050	1562
-022M	0.0022	± 20%	40	50.0	2700**	0.050	1562
-027M	0.0027	± 20%	40	50.0	2700**	0.050	1562
-033M	0.0033	± 20%	40	50.0	2700**	0.050	1562
-039M	0.0039	± 20%	40	50.0	2700**	0.050	1562
-047M	0.0047	± 20%	40	50.0	2700**	0.050	1562
-056M	0.0056	± 20%	40	50.0	2700**	0.050	1562
-068M	0.0068	± 20%	40	50.0	2700**	0.050	1562
-082M	0.0082	± 20%	40	50.0	2700**	0.050	1562
-100K	0.010	± 10%	30	50.0	2000**	0.13	966
-120K	0.012	± 10%	30	50.0	1850**	0.14	931
-150K	0.015	± 10%	30	50.0	1700**	0.16	871
-180K	0.018	± 10%	30	50.0	1550**	0.18	821
-220K	0.022	± 10%	30	50.0	1300**	0.20	779
-270K	0.027	± 10%	30	50.0	1150**	0.22	743
-330K	0.033	± 10%	30	50.0	1000**	0.24	711
-390K	0.039	± 10%	30	50.0	900**	0.27	670
-470K	0.047	± 10%	30	50.0	800**	0.30	636
-560K	0.056	± 10%	30	50.0	750**	0.33	606
-680K	0.068	± 10%	30	50.0	700**	0.36	580
-820K	0.082	± 10%	30	50.0	625**	0.40	551
SERIES 1210 IRON CORE							
-101K	0.10	± 10%	30	25.0	550	0.20	1018
-121K	0.12	± 10%	30	25.0	500	0.22	971
-151K	0.15	± 10%	30	25.0	450	0.25	910
-181K	0.18	± 10%	30	25.0	400	0.28	860
-221K	0.22	± 10%	30	25.0	350	0.32	805
-271K	0.27	± 10%	30	25.0	320	0.36	759
-331K	0.33	± 10%	30	25.0	300	0.40	720
-391K	0.39	± 10%	30	25.0	250	0.45	679
-471K	0.47	± 10%	30	25.0	220	0.50	644
-561K	0.56	± 10%	30	25.0	180	0.55	614
-681K	0.68	± 10%	30	25.0	160	0.60	588
-821K	0.82	± 10%	30	25.0	140	0.67	556
SERIES 1210 FERRITE CORE							
-102J	1.0	± 5%	30	7.9	120	0.70	515
-122J	1.2	± 5%	30	7.9	100	0.75	497
-152J	1.5	± 5%	30	7.9	85	0.85	467
-182J	1.8	± 5%	30	7.9	75	0.90	454
-222J	2.2	± 5%	30	7.9	70	1.0	431
-272J	2.7	± 5%	30	7.9	65	1.1	411
-332J	3.3	± 5%	30	7.9	58	1.2	393
-392J	3.9	± 5%	30	7.9	50	1.3	378
-472J	4.7	± 5%	30	7.9	45	1.5	352
-562J	5.6	± 5%	30	7.9	42	1.6	341
-682J	6.8	± 5%	30	7.9	40	1.8	321
-822J	8.2	± 5%	30	7.9	35	2.0	305
-103J	10	± 5%	30	7.9	30	2.1	297
-123J	12	± 5%	30	2.5	28	2.5	272
-153J	15	± 5%	30	2.5	25	2.8	257
-183J	18	± 5%	30	2.5	23	3.3	237
-223J	22	± 5%	30	2.5	20	3.7	224
-273J	27	± 5%	30	2.5	18	5.0	193
-333J	33	± 5%	30	2.5	15	5.6	182
-393J	39	± 5%	30	2.5	14	6.4	170
-473J	47	± 5%	30	2.5	13	7.0	163
-563J	56	± 5%	30	2.5	11	8.0	152
-683J	68	± 5%	30	2.5	10	9.0	144
-823J	82	± 5%	30	2.5	9	10.0	136
-104J	100	± 5%	30	2.5	8	13.0	120