

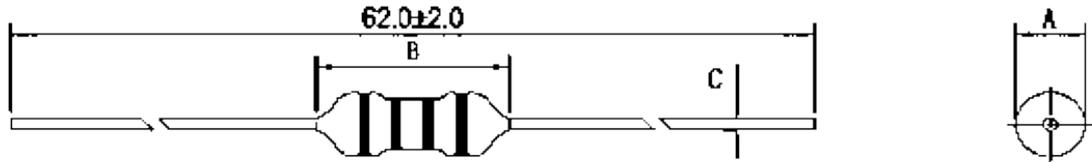
Changzhou No.6 electronic Components Technology Co., Ltd.

Dimensions (mm):

Name	A(Max)	B	C
LGA0204	2.8	4.0	0.5±0.1
LGA0307	3.0	7.0	0.5±0.1
LGA0410	4.0	10.0	0.6±0.1
LGA0510	5.0	10.0	0.6±0.1



Color Ring Inductance



LGA0410 inductance and rated current ranges: 0.1uH~1.0mH 900mA~100mA

Color ring inductance

Part Name	Inductor value (uH)	Quality factor (MIN)	Measuring Frequency (MHz)	SRF (MHz) MIN	DC resistance (OHM) MAX (at 20°C)	Rated Current (mA)
LGA0410-R10K	0.10	50	25.2	470	0.04	900
LGA0410-R12K	0.12	50	25.2	450	0.06	900
LGA0410-R15K	0.15	50	25.2	430	0.07	890
LGA0410-R18K	0.18	50	25.2	410	0.07	890
LGA0410-R22K	0.22	50	25.2	380	0.08	880
LGA0410-R27K	0.27	50	25.2	340	0.09	800
LGA0410-R33K	0.33	50	25.2	300	0.10	750
LGA0410-R39K	0.39	50	25.2	280	0.12	680
LGA0410-R47K	0.47	50	25.2	250	0.16	650
LGA0410-R56K	0.56	50	25.2	230	0.18	600
LGA0410-R68K	0.68	50	25.2	210	0.22	550
LGA0410-R82K	0.82	50	25.2	172	0.24	980
LGA0410-1R0K	1.0	50	25.2	157	0.09	920
LGA0410-1R2K	1.2	50	7.96	144	0.10	880
LGA0410-1R5K	1.5	55	7.96	131	0.23	830
LGA0410-1R8K	1.8	60	7.96	121	0.25	790
LGA0410-2R2K	2.2	80	7.96	110	0.28	750
LGA0410-2R7K	2.7	85	7.96	100	0.30	720
LGA0410-3R3K	3.3	90	7.96	94	0.34	670
LGA0410-3R9K	3.9	90	7.96	86	0.37	640
LGA0410-4R7K	4.7	90	7.96	80	0.39	620
LGA0410-5R6K	5.6	80	7.96	74	0.43	590
LGA0410-6R8K	6.8	80	7.96	58	0.48	550
LGA0410-8R2K	8.2	85	7.96	53	0.52	530
LGA0410-100K	10	85	7.96	45	0.58	500
LGA0410-120K	12	75	2.52	30	0.63	480
LGA0410-150K	15	75	2.52	20	0.72	460
LGA0410-180K	18	70	2.52	14	0.77	430
LGA0410-220K	22	65	2.52	7.9	0.84	410
LGA0410-270K	27	65	2.52	7.6	0.94	390
LGA0410-330K	33	55	2.52	6.3	1.03	370

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LGA0410-390K	39	55	2.52	6.3	1.12	350
LGA0410-470K	47	45	2.52	6.3	1.22	340
LGA0410-560K	56	45	2.52	6.2	1.34	320
LGA0410-680K	68	40	2.52	5.7	1.47	305
LGA0410-820K	82	35	2.52	5.3	1.62	290
LGA0410-101K	100	30	2.52	4.8	1.80	275
LGA0410-121K	120	70	0.796	3.8	3.70	185
LGA0410-151K	150	80	0.796	3.5	4.20	175
LGA0410-181K	180	80	0.796	3.3	4.60	165
LGA0410-221K	220	70	0.796	3.0	5.10	155
LGA0410-271K	270	70	0.796	2.8	5.80	145
LGA0410-331K	330	65	0.796	2.6	6.40	137
LGA0410-391K	390	65	0.796	2.4	7.00	133
LGA0410-471K	470	60	0.796	2.25	7.70	126
LGA0410-561K	560	60	0.796	2.1	8.50	120
LGA0410-681K	680	55	0.796	1.95	9.40	113
LGA0410-821K	820	55	0.796	1.85	12.0	100
LGA0410-102K	1000	50	0.252	1.40	17.0	100

J: +5%; K: +10% ; M: +20%

※ Description of part name:

LGA 0410 - 120 K

1 2 3 4

1 Product Type: Color ring inductance

2 Product Size

3 Inductance value: Example: 120 = 12uH

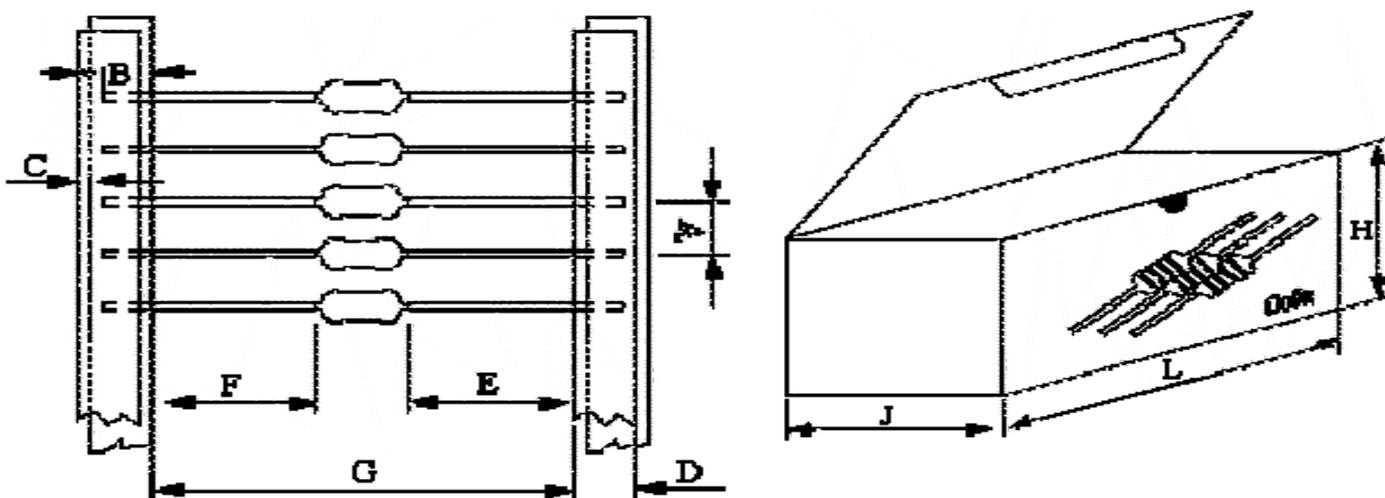
4 Inductance Tolerance Code (J: +5%; K: +10% ; M: +20%)

Ratings:

Max. Working Voltage(Breakdown Voltage): 250V r.m.s

Operating temperature range: -20℃ ~+80℃

※ Rated current: The DC current at which the inductance decreases to 75% of it's nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).



A	D	G	LGA0204	LGA0307	LGA0410	LGA0510
5mm	6mm	52mm	4000pcs/Box	3000pcs/Box	2000pcs/Box	1000pcs/Box
	Bulk		1000pcs/Bag	1000pcs/Bag	1000pcs/Bag	1000pcs/Bag