

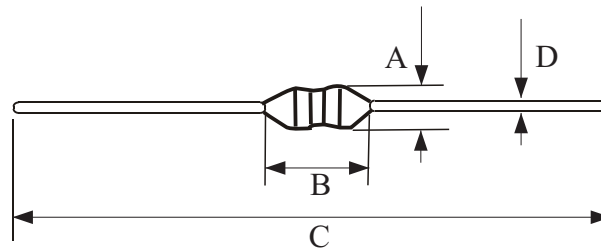
Features

- Magnetic Core
- Wire-wound construction
- Heat resistant epoxy resin
- High reliability, Ideal for automatic insertion
- Small size, Low cost

Applications

- Automotive Systems
- VCRS
- Computer peripheral Equipment
- Televisions
- Electronic Games
- General Electronic Applications

► Dimensions & Configurations (Unit:mm)



Type	$\Phi A(\text{max})$	B(max)	C ± 2	ΦD
LGA0204	2.3	3.5	64.0	0.5
LGA0305	3.0	5.5	64.0	0.5
LGA0307	3.0	7.0	64.0	0.5
LGA0410	4.0	10.5	64.0	0.6
LGA0510	5.0	10.5	64.0	0.6

Note: Design as Customer's Requested Specifications.

▶ Electrical Characteristics For LGA0204 Series

Part Number	Inductance [μ H]	Q	S.R.F [MHz]	DCR(max) [Ω]	IDC [mA]	Test Freq [MHz]
LGA0204-R22K	0.22	35	150	0.40	400	25.2
LGA0204-R27K	0.27	35	150	0.43	380	25.2
LGA0204-R33K	0.33	35	150	0.48	370	25.2
LGA0204-R39K	0.39	35	150	0.51	350	25.2
LGA0204-R47K	0.47	35	150	0.56	330	25.2
LGA0204-R56K	0.56	35	150	0.61	320	25.2
LGA0204-R68K	0.68	35	150	0.67	310	25.2
LGA0204-R82K	0.82	35	150	0.74	290	25.2
LGA0204-1R0K	1.00	35	150	0.80	270	25.2
LGA0204-1R2K	1.20	40	110	0.90	260	7.96
LGA0204-1R5K	1.50	40	80	1.0	250	7.96
LGA0204-1R8K	1.80	40	60	1.1	240	7.96
LGA0204-2R2K	2.20	40	45	1.2	230	7.96
LGA0204-2R7K	2.70	40	40	1.3	220	7.96
LGA0204-3R3K	3.30	40	38	1.4	210	7.96
LGA0204-3R9K	3.90	40	35	1.5	200	7.96
LGA0204-4R7K	4.70	40	32	1.6	190	7.96
LGA0204-5R6K	5.60	40	30	1.7	180	7.96
LGA0204-6R8K	6.80	40	28	1.9	175	7.96
LGA0204-8R2K	8.20	40	26	2.0	165	7.96
LGA0204-100K	10.0	40	24	2.2	160	7.96
LGA0204-120K	12.0	40	22	2.5	150	25.2
LGA0204-150K	15.0	40	20	2.8	145	25.2
LGA0204-180K	18.0	40	18	3.1	140	25.2
LGA0204-220K	22.0	40	17	3.4	130	25.2
LGA0204-270K	27.0	40	16	4.3	80	25.2
LGA0204-330K	33.0	40	14	4.7	76	25.2
LGA0204-390K	39.0	40	13	5.2	74	25.2
LGA0204-470K	47.0	40	12	5.8	70	25.2
LGA0204-560K	56.0	40	11	6.4	68	25.2
LGA0204-680K	68.0	40	10	7.2	64	25.2
LGA0204-820K	82.0	40	9.5	11	46	25.2
LGA0204-101K	100	40	9.0	12	44	25.2
LGA0204-121K	120	40	8.0	13	42	0.796
LGA0204-151K	150	40	6.0	16	39	0.796
LGA0204-181K	180	40	5.5	18	37	0.796
LGA0204-221K	220	40	5.0	20	35	0.796
LGA0204-271K	270	40	4.6	26	28	0.796
LGA0204-331K	330	40	4.2	30	26	0.796
LGA0204-391K	390	40	3.8	34	25	0.796
LGA0204-471K	470	40	3.5	38	24	0.796

▶ Electrical Characteristics For LGA0305 Series

Part Number	Inductance [μ H]	Q	S.R.F [MHz]	DCR(max) [Ω]	IDC [mA]	Test Freq [MHz]
LGA0305-R22K	0.22	35	150	0.40	400	25.2
LGA0305-R27K	0.27	35	150	0.43	380	25.2
LGA0305-R33K	0.33	35	150	0.48	370	25.2
LGA0305-R39K	0.39	35	150	0.51	350	25.2
LGA0305-R47K	0.47	35	150	0.56	330	25.2
LGA0305-R56K	0.56	40	150	0.61	320	25.2
LGA0305-R68K	0.68	40	150	0.67	310	25.2
LGA0305-R82K	0.82	40	150	0.74	290	25.2
LGA0305-1R0K	1.00	40	150	0.80	270	25.2
LGA0305-1R2K	1.20	50	144	0.90	260	7.96
LGA0305-1R5K	1.50	50	131	1.0	250	7.96
LGA0305-1R8K	1.80	50	121	1.1	240	7.96
LGA0305-2R2K	2.20	50	110	1.2	230	7.96
LGA0305-2R7K	2.70	50	100	1.3	220	7.96
LGA0305-3R3K	3.30	50	90	1.4	210	7.96
LGA0305-3R9K	3.90	50	60	1.6	200	7.96
LGA0305-4R7K	4.70	50	50	1.7	190	7.96
LGA0305-5R6K	5.60	50	42	1.9	180	7.96
LGA0305-6R8K	6.80	50	34	2.0	175	7.96
LGA0305-8R2K	8.20	50	25	2.2	165	7.96
LGA0305-100K	10.0	50	21	2.5	160	7.96
LGA0305-120K	12.0	50	19	2.5	150	25.2
LGA0305-150K	15.0	50	17	2.8	145	25.2
LGA0305-180K	18.0	50	13	3.1	140	25.2
LGA0305-220K	22.0	50	9.6	3.4	130	25.2
LGA0305-270K	27.0	50	7.2	3.8	125	25.2
LGA0305-330K	33.0	50	6.3	4.1	120	25.2
LGA0305-390K	39.0	50	6.3	4.5	115	25.2
LGA0305-470K	47.0	50	6.3	4.9	110	25.2
LGA0305-560K	56.0	50	6.2	5.3	105	25.2
LGA0305-680K	68.0	50	5.7	5.8	100	25.2
LGA0305-820K	82.0	50	5.3	6.3	95	25.2
LGA0305-101K	100	50	4.8	7.0	90	25.2
LGA0305-121K	120	50	3.8	13	90	0.796
LGA0305-151K	150	50	3.5	15	85	0.796
LGA0305-181K	180	50	3.3	16	80	0.796
LGA0305-221K	220	50	3.0	17	75	0.796
LGA0305-271K	270	50	2.8	19	65	0.796

► Electrical Characteristics For LGA0307 Series

Part Number	Inductance [μ H]	Q	S.R.F [MHz]	DCR(max) [Ω]	IDC [mA]	Test Freq [MHz]
LGA0307-R22K	0.22	35	150	0.40	400	25.2
LGA0307-R27K	0.27	35	150	0.43	380	25.2
LGA0307-R33K	0.33	35	150	0.48	370	25.2
LGA0307-R39K	0.39	35	150	0.51	350	25.2
LGA0307-R47K	0.47	35	150	0.56	330	25.2
LGA0307-R56K	0.56	40	150	0.61	320	25.2
LGA0307-R68K	0.68	40	150	0.67	310	25.2
LGA0307-R82K	0.82	40	150	0.74	290	25.2
LGA0307-1R0K	1.00	40	150	0.80	270	25.2
LGA0307-1R2K	1.20	50	144	0.90	260	7.96
LGA0307-1R5K	1.50	50	131	1.0	250	7.96
LGA0307-1R8K	1.80	50	121	1.1	240	7.96
LGA0307-2R2K	2.20	50	110	1.2	230	7.96
LGA0307-2R7K	2.70	50	100	1.3	220	7.96
LGA0307-3R3K	3.30	50	94	1.4	210	7.96
LGA0307-3R9K	3.90	50	65	1.6	200	7.96
LGA0307-4R7K	4.70	50	56	1.7	190	7.96
LGA0307-5R6K	5.60	50	48	1.9	180	7.96
LGA0307-6R8K	6.80	50	37	2.0	175	7.96
LGA0307-8R2K	8.20	50	25	2.2	165	7.96
LGA0307-100K	10.0	50	21	2.5	160	7.96
LGA0307-120K	12.0	50	19	2.5	150	2.52
LGA0307-150K	15.0	50	17	2.8	145	2.52
LGA0307-180K	18.0	50	13	3.1	140	2.52
LGA0307-220K	22.0	50	9.6	3.4	130	2.52
LGA0307-270K	27.0	50	7.2	3.8	125	2.52
LGA0307-330K	33.0	50	6.3	4.1	120	2.52
LGA0307-390K	39.0	50	6.3	4.5	115	2.52
LGA0307-470K	47.0	50	6.3	4.9	110	2.52
LGA0307-560K	56.0	50	6.2	5.3	105	2.52
LGA0307-680K	68.0	50	5.7	5.8	100	2.52
LGA0307-820K	82.0	50	5.3	6.3	95	2.52
LGA0307-101K	100	50	4.8	7.0	90	2.52
LGA0307-121K	120	50	3.8	13	90	0.796
LGA0307-151K	150	50	3.5	15	85	0.796
LGA0307-181K	180	50	3.3	16	80	0.796
LGA0307-221K	220	50	3.0	17	75	0.796
LGA0307-271K	270	50	2.8	19	65	0.796
LGA0307-331K	330	50	2.6	20	60	0.796
LGA0307-391K	390	50	2.4	22	55	0.796
LGA0307-471K	470	50	2.25	24	55	0.796
LGA0307-561K	560	50	2.10	26	50	0.796
LGA0307-681K	680	50	1.95	28	45	0.796
LGA0307-821K	820	50	1.85	30	40	0.796
LGA0307-102K	1000	50	1.40	33	40	0.796

► Electrical Characteristics For LGA0410 Series

Part Number	Inductance [μ H]	Q	S.R.F [MHz]	DCR(max) [Ω]	IDC [mA]	Test Freq [MHz]
LGA0410-R22K	0.22	45	300	0.10	1400	25.2
LGA0410-R27K	0.27	45	270	0.11	1320	25.2
LGA0410-R33K	0.33	45	250	0.12	1280	25.2
LGA0410-R39K	0.39	45	230	0.13	1200	25.2
LGA0410-R47K	0.47	45	220	0.14	1150	25.2
LGA0410-R56K	0.56	45	200	0.15	1100	25.2
LGA0410-R68K	0.68	45	190	0.16	1030	25.2
LGA0410-R82K	0.82	45	172	0.17	980	25.2
LGA0410-1R0K	1.00	45	157	0.19	920	25.2
LGA0410-1R2K	1.20	50	144	0.21	880	7.96
LGA0410-1R5K	1.50	50	131	0.23	830	7.96
LGA0410-1R8K	1.80	55	121	0.25	790	7.96
LGA0410-2R2K	2.20	55	110	0.28	750	7.96
LGA0410-2R7K	2.70	60	100	0.30	720	7.96
LGA0410-3R3K	3.30	65	94	0.34	670	7.96
LGA0410-3R9K	3.90	65	55	0.37	640	7.96
LGA0410-4R7K	4.70	70	56	0.39	620	7.96
LGA0410-5R6K	5.60	70	48	0.43	590	7.96
LGA0410-6R8K	6.80	75	37	0.48	550	7.96
LGA0410-8R2K	8.20	80	25	0.52	530	7.96
LGA0410-100K	10.0	65	21	0.58	500	7.96
LGA0410-120K	12.0	50	19	1.63	480	2.52
LGA0410-150K	15.0	50	17	0.72	460	2.52
LGA0410-180K	18.0	50	13	0.77	430	2.52
LGA0410-220K	22.0	50	9.6	0.84	410	2.52
LGA0410-270K	27.0	55	7.2	0.94	390	2.52
LGA0410-330K	33.0	55	6.6	1.03	370	2.52
LGA0410-390K	39.0	50	6.6	1.12	350	2.52
LGA0410-470K	47.0	45	6.3	1.22	340	2.52
LGA0410-560K	56.0	40	6.2	1.34	320	2.52
LGA0410-680K	68.0	40	5.7	1.47	305	2.52
LGA0410-820K	82.0	35	5.3	1.62	290	2.52
LGA0410-101K	100	30	4.8	1.80	275	2.52
LGA0410-121K	120	55	3.8	3.70	185	0.796
LGA0410-151K	150	45	3.5	4.20	175	0.796
LGA0410-181K	180	50	3.3	4.60	165	0.796
LGA0410-221K	220	55	3.0	5.10	155	0.796
LGA0410-271K	270	65	2.8	5.80	145	0.796
LGA0410-331K	330	65	2.6	6.40	137	0.796
LGA0410-391K	390	65	2.4	7.00	133	0.796
LGA0410-471K	470	60	2.25	7.70	126	0.796
LGA0410-561K	560	60	2.10	8.50	120	0.796
LGA0410-681K	680	55	1.95	9.40	113	0.796
LGA0410-821K	820	55	1.85	10.50	105	0.796
LGA0410-102K	1000	50	1.40	14.00	100	0.796

▶ Electrical Characteristics For LGA0510 Series

Part Number	Inductance [μ H]	Q	S.R.F [MHz]	DCR(max) [Ω]	IDC [mA]	Test Freq [MHz]
LGA0510-471K	470	60	1.9	7.70	126	0.796
LGA0510-561K	560	50	1.8	8.50	120	0.796
LGA0510-681K	680	55	1.5	9.00	113	0.796
LGA0510-821K	820	45	1.2	10.5	105	0.796
LGA0510-102K	1000	45	1.0	14.0	100	0.796
LGA0510-122K	1200	40	0.95	16.9	95	0.252
LGA0510-152K	1500	40	0.90	21.6	90	0.252
LGA0510-182K	1800	40	0.85	24.0	85	0.252
LGA0510-222K	2200	40	0.80	34.7	80	0.252
LGA0510-272K	2700	40	0.75	40.0	75	0.252
LGA0510-332K	3300	40	0.70	59.5	62	0.252
LGA0510-392K	3900	40	0.65	66.0	59	0.252
LGA0510-472K	4700	40	0.60	74.0	55	0.252
LGA0510-562K	5600	30	0.50	80.0	40	0.252
LGA0510-682K	6800	30	0.45	85.0	35	0.252
LGA0510-822K	8200	30	0.40	95.0	30	0.252
LGA0510-103K	10000	20	0.35	105.0	25	0.252