

●LGB SERIES

DRUM INDUCTOR.

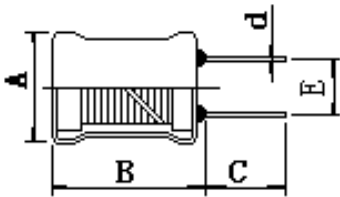
●Applications:

1. Power supplies DC-DC converters.
2. CFL lighting & LED lighting.
3. Communication equipment.
4. Mobile charger
5. Home electric Appliance.

●Part Numbering System

LGB    —    X0406    —    100    —    K  
SERIESNAME    DIMENSIONS    INDUCTANCE    TOLERANCE CODE

●Shapes and Dimensions(UNIT: mm)

	Type	Amax	Bmax	C	d	E
	LGB0406	5.5	9	10min	0.5±0.05	2.3±0.5
	LGB0507	6.5	10	10min	0.6±0.05	2.5±0.5
	LGB0608	7.5	11	10min	0.6±0.05	3.0±0.5
	LGB0810	9.5	13.5	10min	0.6±0.05	5.0±0.5
	LGB0912	10.5	15.5	10min	0.6±0.05	5.0±0.5
	LGB1012	11.5	15.5	10min	0.8±0.05	5.0±0.5

●Characteristics

Operating temperature range: -20℃ to +125℃(include coil heat).

Storage conditions: -20℃ to +85℃ Don't expulse to direct sunlight.

LGB-X0406 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc ( $\Omega$ ) Max	Idc (mA)	Tures	Material Science
LGB-X0406-150K	1KHz/0.3V	20	2.52	14	0.20	1200	26	R800
LGB-X0406-180K	1KHz/0.3V	20	2.52	13	0.25	1200	29	
LGB-X0406-220K	1KHz/0.3V	20	2.52	11	0.28	1000	32	
LGB-X0406-270K	1KHz/0.3V	20	2.52	10	0.30	900	35	
LGB-X0406-330K	1KHz/0.3V	20	2.52	9.0	0.35	800	39	
LGB-X0406-390K	1KHz/0.3V	20	2.52	8.5	0.40	700	43	
LGB-X0406-470K	1KHz/0.3V	20	2.52	7.0	0.42	650	47	
LGB-X0406-560K	1KHz/0.3V	20	2.52	6.8	0.50	550	52	
LGB-X0406-680K	1KHz/0.3V	20	2.52	6.5	0.55	500	58	
LGB-X0406-820K	1KHz/0.3V	20	2.52	5.5	0.70	450	63	
LGB-X0406-101K	1KHz/0.3V	20	0.796	5.1	0.78	400	69	
LGB-X0406-121K	1KHz/0.3V	20	0.796	4.8	0.80	380	76	
LGB-X0406-151K	1KHz/0.3V	20	0.796	4.5	1.10	370	85	
LGB-X0406-181K	1KHz/0.3V	20	0.796	4.2	1.20	350	93	
LGB-X0406-221K	1KHz/0.3V	20	0.796	4.0	1.35	300	104	
LGB-X0406-271K	1KHz/0.3V	20	0.796	3.5	1.62	280	114	
LGB-X0406-331K	1KHz/0.3V	20	0.796	3.2	1.84	250	126	
LGB-X0406-391K	1KHz/0.3V	20	0.796	2.5	2.50	210	137	
LGB-X0406-471K	1KHz/0.3V	20	0.796	2.3	2.70	200	150	
LGB-X0406-561K	1KHz/0.3V	20	0.796	1.9	3.50	180	165	
LGB-X0406-681K	1KHz/0.3V	20	0.796	1.8	4.00	170	182	
LGB-X0406-821K	1KHz/0.3V	20	0.796	1.7	4.20	150	199	
LGB-X0406-102K	1KHz/0.3V	20	0.252	1.35	5.40	140	220	
LGB-X0406-122K	1KHz/0.3V	20	0.252	1.25	6.00	120	241	
LGB-X0406-152K	1KHz/0.3V	20	0.252	1.10	6.80	90	270	
LGB-X0406-182K	1KHz/0.3V	20	0.252	1.00	10.00	85	296	
LGB-X0406-222K	1KHz/0.3V	20	0.252	0.85	14.00	80	327	
LGB-X0406-272K	1KHz/0.3V	20	0.252	0.75	16.00	75	362	
LGB-X0406-332K	1KHz/0.3V	20	0.252	0.65	20.00	75	400	
LGB-X0406-392K	1KHz/0.3V	20	0.252	0.50	26.00	70	428	
LGB-X0406-472K	1KHz/0.3V	20	0.252	0.45	32.00	70	470	
LGB-X0406-562K	1KHz/0.3V	20	0.252	0.35	36.00	60	520	
LGB-X0406-682K	1KHz/0.3V	20	0.252	0.30	39.00	50	572	

表格中未规定的，可以根据客户要求订制。

LGB-X0507 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc (Ω) Max	Idc (mA)	Tures	Material Science
LGB-X0507-150K	1KHz/0.3	20	2.52	12.5	0.10	1500	25	R800
LGB-X0507-180K	1KHz/0.3	20	2.52	12.0	0.12	1200	27	
LGB-X0507-220K	1KHz/0.3	20	2.52	11.5	0.13	1100	30	
LGB-X0507-270K	1KHz/0.3	20	2.52	11.0	0.16	900	33	
LGB-X0507-330K	1KHz/0.3	20	2.52	9.1	0.19	800	37	
LGB-X0507-390K	1KHz/0.3	20	2.52	9.0	0.21	700	40	
LGB-X0507-470K	1KHz/0.3	20	2.52	7.5	0.32	650	43	
LGB-X0507-560K	1KHz/0.3	20	2.52	7.1	0.35	600	47	
LGB-X0507-680K	1KHz/0.3	20	2.52	6.2	0.42	550	52	
LGB-X0507-820K	1KHz/0.3	20	2.52	5.3	0.45	500	58	
LGB-X0507-101K	1KHz/0.3	20	0.796	4.5	0.50	480	64	
LGB-X0507-121K	1KHz/0.3	20	0.796	3.7	0.65	450	70	
LGB-X0507-151K	1KHz/0.3	20	0.796	3.1	0.80	430	79	
LGB-X0507-181K	1KHz/0.3	20	0.796	2.7	0.95	400	87	
LGB-X0507-221K	1KHz/0.3	20	0.796	2.1	1.10	350	97	
LGB-X0507-271K	1KHz/0.3	20	0.796	2.0	1.25	300	106	
LGB-X0507-331K	1KHz/0.3	20	0.796	1.9	1.39	280	117	
LGB-X0507-391K	1KHz/0.3	20	0.796	1.7	1.50	250	127	
LGB-X0507-471K	1KHz/0.3	20	0.796	1.5	2.30	230	138	
LGB-X0507-561K	1KHz/0.3	20	0.796	1.1	2.40	200	152	
LGB-X0507-681K	1KHz/0.3	20	0.796	1.05	2.60	180	167	
LGB-X0507-821K	1KHz/0.3	20	0.796	1.0	3.20	160	183	
LGB-X0507-102K	1KHz/0.3	30	0.252	0.95	4.50	150	202	
LGB-X0507-122K	1KHz/0.3	30	0.252	0.90	4.90	140	221	
LGB-X0507-152K	1KHz/0.3	30	0.252	0.85	5.20	130	249	
LGB-X0507-182K	1KHz/0.3	30	0.252	0.80	6.00	120	270	
LGB-X0507-222K	1KHz/0.3	30	0.252	0.70	11.00	110	298	
LGB-X0507-272K	1KHz/0.3	30	0.252	0.65	12.00	100	330	
LGB-X0507-332K	1KHz/0.3	30	0.252	0.60	14.00	90	365	
LGB-X0507-392K	1KHz/0.3	30	0.252	0.55	15.00	80	397	
LGB-X0507-472K	1KHz/0.3	30	0.252	0.50	17.00	70	435	
LGB-X0507-562K	1KHz/0.3	30	0.252	0.42	23.00	65	474	
LGB-X0507-682K	1KHz/0.3	30	0.252	0.40	25.00	65	528	
LGB-X0507-822K	1KHz/0.3	25	0.252	0.30	28.00	60	579	
LGB-X0507-103K	1KHz/0.3	25	0.0796	0.28	40.00	55	639	

表格中未规定的，可以根据客户要求订制。

LGB-X0608 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc (Ω) Max	Idc (mA)	Tures	Material Science
LGB-X0608-150K	1KHz/0.3	20	2.52	9.6	0.07	1700	24	R800
LGB-X0608-180K	1KHz/0.3	20	2.52	9.2	0.08	1600	26	
LGB-X0608-220K	1KHz/0.3	20	2.52	9.0	0.09	1500	28	
LGB-X0608-270K	1KHz/0.3	20	2.52	8.5	0.10	1200	31	
LGB-X0608-330K	1KHz/0.3	20	2.52	8.0	0.11	1100	34	
LGB-X0608-390K	1KHz/0.3	20	2.52	7.5	0.18	1000	38	
LGB-X0608-470K	1KHz/0.3	20	2.52	7.2	0.23	950	41	
LGB-X0608-560K	1KHz/0.3	20	2.52	6.8	0.29	850	44	
LGB-X0608-680K	1KHz/0.3	20	2.52	6.2	0.30	800	50	
LGB-X0608-820K	1KHz/0.3	20	2.52	6.0	0.32	750	54	
LGB-X0608-101K	1KHz/0.3	20	0.796	5.2	0.41	700	60	
LGB-X0608-121K	1KHz/0.3	20	0.796	4.6	0.48	650	65	
LGB-X0608-151K	1KHz/0.3	20	0.796	4.3	0.50	550	73	
LGB-X0608-181K	1KHz/0.3	20	0.796	3.8	0.60	450	80	
LGB-X0608-221K	1KHz/0.3	20	0.796	3.1	0.80	420	88	
LGB-X0608-271K	1KHz/0.3	20	0.796	2.9	0.85	400	97	
LGB-X0608-331K	1KHz/0.3	20	0.796	2.8	1.00	360	107	
LGB-X0608-391K	1KHz/0.3	20	0.796	2.2	1.20	330	117	
LGB-X0608-471K	1KHz/0.3	20	0.796	1.8	1.25	300	128	
LGB-X0608-561K	1KHz/0.3	20	0.796	1.7	1.65	270	141	
LGB-X0608-681K	1KHz/0.3	20	0.796	1.6	1.95	250	155	
LGB-X0608-821K	1KHz/0.3	20	0.796	1.3	2.70	220	170	
LGB-X0608-102K	1KHz/0.3	30	0.252	1.0	3.30	200	188	
LGB-X0608-122K	1KHz/0.3	30	0.252	0.95	3.50	170	206	
LGB-X0608-152K	1KHz/0.3	30	0.252	0.80	4.00	160	231	
LGB-X0608-182K	1KHz/0.3	30	0.252	0.65	5.50	150	256	
LGB-X0608-222K	1KHz/0.3	30	0.252	0.60	6.30	145	279	
LGB-X0608-272K	1KHz/0.3	30	0.252	0.55	8.00	140	309	
LGB-X0608-332K	1KHz/0.3	30	0.252	0.50	9.50	130	342	
LGB-X0608-392K	1KHz/0.3	30	0.252	0.45	11.00	110	370	
LGB-X0608-472K	1KHz/0.3	30	0.252	0.40	14.00	100	405	
LGB-X0608-562K	1KHz/0.3	30	0.252	0.38	15.50	80	435	
LGB-X0608-682K	1KHz/0.3	30	0.252	0.35	22.00	75	490	
LGB-X0608-822K	1KHz/0.3	30	0.252	0.30	24.00	70	540	
LGB-X0608-103K	1KHz/0.3	30	0.0796	0.25	32.00	60	586	

表格中未规定的，可以根据客户要求订制。

LGB-X0810 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc (Ω) Max	Idc (mA)	Tures	Material Science
LGB-X0810-150K	1KHz/0.3	20	2.52	11.00	0.07	2500	20	R800
LGB-X0810-180K	1KHz/0.3	20	2.52	10.50	0.08	2300	22	
LGB-X0810-220K	1KHz/0.3	20	2.52	10.00	0.09	2200	24	
LGB-X0810-270K	1KHz/0.3	20	2.52	9.00	0.10	1800	27	
LGB-X0810-330K	1KHz/0.3	20	2.52	7.2	0.12	1500	30	
LGB-X0810-390K	1KHz/0.3	20	2.52	6.4	0.14	1400	32	
LGB-X0810-470K	1KHz/0.3	20	2.52	6.0	0.16	1350	36	
LGB-X0810-560K	1KHz/0.3	20	2.52	5.0	0.17	1300	39	
LGB-X0810-680K	1KHz/0.3	20	2.52	5.1	0.18	1100	43	
LGB-X0810-820K	1KHz/0.3	20	2.52	3.6	0.20	1000	48	
LGB-X0810-101K	1KHz/0.3	20	0.796	3.2	0.22	900	53	
LGB-X0810-121K	1KHz/0.3	20	0.796	2.7	0.24	850	59	
LGB-X0810-151K	1KHz/0.3	20	0.796	2.2	0.32	800	66	
LGB-X0810-181K	1KHz/0.3	20	0.796	2.0	0.38	750	72	
LGB-X0810-221K	1KHz/0.3	20	0.796	1.7	0.45	700	79	
LGB-X0810-271K	1KHz/0.3	20	0.796	1.6	0.68	600	87	
LGB-X0810-331K	1KHz/0.3	20	0.796	1.5	0.72	550	97	
LGB-X0810-391K	1KHz/0.3	20	0.796	1.4	0.85	500	103	
LGB-X0810-471K	1KHz/0.3	20	0.796	1.3	0.96	450	115	
LGB-X0810-561K	1KHz/0.3	20	0.796	1.2	1.00	400	126	
LGB-X0810-681K	1KHz/0.3	20	0.796	1.15	1.40	350	137	
LGB-X0810-821K	1KHz/0.3	20	0.796	1.10	1.70	320	150	
LGB-X0810-102K	1KHz/0.3	20	0.252	0.90	1.90	310	168	
LGB-X0810-122K	1KHz/0.3	20	0.252	0.85	2.50	280	184	
LGB-X0810-152K	1KHz/0.3	20	0.252	0.80	3.00	250	205	
LGB-X0810-182K	1KHz/0.3	20	0.252	0.70	3.20	240	224	
LGB-X0810-222K	1KHz/0.3	20	0.252	0.60	4.50	210	247	
LGB-X0810-272K	1KHz/0.3	20	0.252	0.50	4.80	190	274	
LGB-X0810-332K	1KHz/0.3	20	0.252	0.40	6.20	180	312	
LGB-X0810-392K	1KHz/0.3	20	0.252	0.35	7.00	160	330	
LGB-X0810-472K	1KHz/0.3	20	0.252	0.32	7.80	150	362	
LGB-X0810-562K	1KHz/0.3	20	0.252	0.31	9.00	140	395	
LGB-X0810-682K	1KHz/0.3	20	0.252	0.30	11.00	130	439	
LGB-X0810-822K	1KHz/0.3	20	0.252	0.28	15.00	110	482	
LGB-X0810-103K	1KHz/0.3	20	0.0796	0.21	18.00	100	532	

表格中未规定的，可以根据客户要求订制。

LGB-X0912 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc (Ω) Max	Idc (mA)	Tures	Material Science
LGB-X0912-470K	1KHz/0.3	15	2.52	6.5	0.10	1800	34	R800
LGB-X0912-560K	1KHz/0.3	15	2.52	5.4	0.12	1700	38	
LGB-X0912-680K	1KHz/0.3	15	2.52	4.5	0.13	1500	41	
LGB-X0912-820K	1KHz/0.3	15	2.52	3.6	0.15	1450	46	
LGB-X0912-101K	1KHz/0.3	15	0.796	2.8	0.18	1300	50	
LGB-X0912-121K	1KHz/0.3	15	0.796	2.5	0.20	1100	55	
LGB-X0912-151K	1KHz/0.3	15	0.796	1.8	0.30	1000	62	
LGB-X0912-181K	1KHz/0.3	15	0.796	1.7	0.35	900	68	
LGB-X0912-221K	1KHz/0.3	15	0.796	1.3	0.38	800	75	
LGB-X0912-271K	1KHz/0.3	15	0.796	1.9	0.40	750	85	
LGB-X0912-331K	1KHz/0.3	15	0.796	1.7	0.55	700	92	
LGB-X0912-391K	1KHz/0.3	15	0.796	1.6	0.60	650	102	
LGB-X0912-471K	1KHz/0.3	15	0.796	1.0	0.80	600	110	
LGB-X0912-561K	1KHz/0.3	15	0.796	0.90	0.95	500	120	
LGB-X0912-681K	1KHz/0.3	15	0.796	0.80	1.00	480	133	
LGB-X0912-821K	1KHz/0.3	15	0.796	0.75	1.30	420	145	
LGB-X0912-102K	1KHz/0.3	15	0.252	0.70	1.40	400	160	
LGB-X0912-122K	1KHz/0.3	15	0.252	0.65	1.65	350	175	
LGB-X0912-152K	1KHz/0.3	15	0.252	0.62	1.95	300	195	
LGB-X0912-182K	1KHz/0.3	15	0.252	0.60	2.25	280	214	
LGB-X0912-222K	1KHz/0.3	15	0.252	0.55	3.25	250	240	
LGB-X0912-272K	1KHz/0.3	15	0.252	0.50	4.00	220	266	
LGB-X0912-332K	1KHz/0.3	15	0.252	0.45	4.20	200	294	
LGB-X0912-392K	1KHz/0.3	15	0.252	0.40	5.00	180	319	
LGB-X0912-472K	1KHz/0.3	15	0.252	0.35	6.50	170	350	
LGB-X0912-562K	1KHz/0.3	15	0.252	0.30	7.00	160	382	
LGB-X0912-682K	1KHz/0.3	15	0.252	0.25	9.50	140	420	
LGB-X0912-822K	1KHz/0.3	15	0.252	0.20	11.00	135	461	
LGB-X0912-103K	1KHz/0.3	15	0.0796	0.18	13.00	130	509	

表格中未规定的，可以根据客户要求订制。

LGB-X1012 SERIES

Part No.	L Test Freq (MHz)	Q min	Q Test Freq (MHz)	S.R.F (MHz) Min	Rdc (Ω) Max	Idc (mA)	Tures	Material Science
LGB-X1012-470K	1KHz/0.3	15	2.52	4.4	0.1	2200	32	R800
LGB-X1012-560K	1KHz/0.3	15	2.52	4.3	0.11	2100	35	
LGB-X1012-680K	1KHz/0.3	15	2.52	4.2	0.12	2000	38	
LGB-X1012-820K	1KHz/0.3	15	2.52	3.9	0.13	1800	43	
LGB-X1012-101K	1KHz/0.3	15	0.796	3.8	0.15	1700	48	
LGB-X1012-121K	1KHz/0.3	15	0.796	3.5	0.19	1650	52	
LGB-X1012-151K	1KHz/0.3	15	0.796	2.3	0.28	1600	58	
LGB-X1012-181K	1KHz/0.3	15	0.796	2.1	0.35	1500	63	
LGB-X1012-221K	1KHz/0.3	15	0.796	2.0	0.40	1400	70	
LGB-X1012-271K	1KHz/0.3	15	0.796	1.6	0.45	1200	79	
LGB-X1012-331K	1KHz/0.3	15	0.796	1.3	0.50	1000	87	
LGB-X1012-391K	1KHz/0.3	15	0.796	1.2	0.65	800	95	
LGB-X1012-471K	1KHz/0.3	15	0.796	1.1	0.70	750	104	
LGB-X1012-561K	1KHz/0.3	15	0.796	1.0	0.95	700	113	
LGB-X1012-681K	1KHz/0.3	15	0.796	0.9	1.00	650	123	
LGB-X1012-821K	1KHz/0.3	15	0.796	0.85	1.25	600	138	
LGB-X1012-102K	1KHz/0.3	15	0.252	0.80	1.50	550	152	
LGB-X1012-122K	1KHz/0.3	15	0.252	0.70	1.65	500	167	
LGB-X1012-152K	1KHz/0.3	15	0.252	0.65	1.95	480	187	
LGB-X1012-182K	1KHz/0.3	15	0.252	0.55	2.50	450	205	
LGB-X1012-222K	1KHz/0.3	15	0.252	0.50	3.00	400	227	
LGB-X1012-272K	1KHz/0.3	15	0.252	0.45	3.50	350	251	
LGB-X1012-332K	1KHz/0.3	15	0.252	0.40	3.80	300	277	
LGB-X1012-392K	1KHz/0.3	15	0.252	0.35	4.90	270	301	
LGB-X1012-472K	1KHz/0.3	15	0.252	0.30	5.40	250	330	
LGB-X1012-562K	1KHz/0.3	15	0.252	0.25	7.20	230	360	
LGB-X1012-682K	1KHz/0.3	15	0.252	0.20	8.00	220	399	
LGB-X1012-822K	1KHz/0.3	15	0.252	0.15	11.20	210	435	
LGB-X1012-103K	1KHz/0.3	15	0.0796	0.10	13.00	200	478	

表格中未规定的，可以根据客户要求订制。

