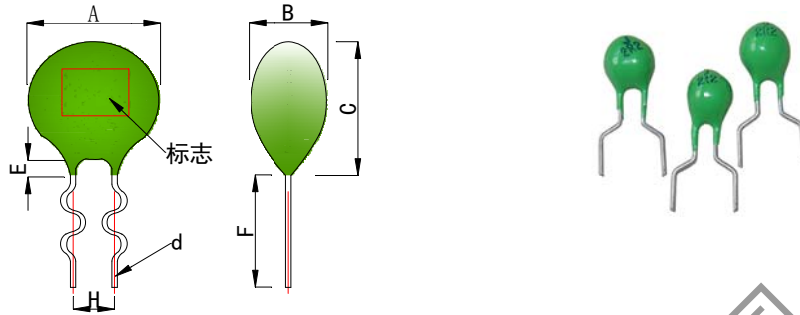




鼎新电 LGB 耐候型固定电感

LGB 固定电感系列

一、外形尺寸：(单位：mm)



外形尺寸：

项目	A	B	C	F	d
LGB0405	4.4 ^{+0.2}	5.4 ^{+0.2}	7.0 ^{+0.2}	5.0(2.5)	0.5
LGB0606	6.0 ^{+0.2}	6.4 ^{+0.6}	10.0 ^{+0.2}	5.0(7.5)	0.6
LGB0607	6.2 ^{+0.2}	7.4 ^{+0.6}		5.0(7.5)	
LGB0810	8.0 ⁺⁰	10.0 ⁺⁰	7.5(5.0)		
LGB0909	9.0 ^{+0.4}	9.0 ^{+0.6}	7.5(5.0)		

二、一般电气特性：

项目		LGB0405	LGB0606	LGB0607	LGB0810	LGB0909
工作温度范围(°C)	民品级	-20~+100	-20~+100	-20~+100	-20~+100	-20~+100
	工业级	-30~+105	-30~+105	-30~+105	-30~+105	-30~+105
	军工级	-40~+105	-40~+105	-40~+105	-40~+105	-40~+105
	航天级	-55~+105	-55~+105	-55~+105	-55~+105	-55~+105
常温存储温度(°C)		-10~+40	-10~+40	-10~+40	-10~+40	-10~+40
耐压(VDC)		>500	>500	>500	>500	>500
绝缘电阻(Ω)		>1M	>1M	>1M	>1M	>1M
引线抗拉强度 N		>10	>10	>10	>20	>20
引线抗弯强度 N		>3	>3	>5	>5	>5

三、电气性能参数和测试条件见下表：



鼎新电 LGB 耐候型固定电感

LGB0405 系列

型号	L (uH)	误差 ±%	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0405-R22	0.22	20	50	25.2	150	0.15	800
LGB0405-R27	0.27	20	50	25.2	150	0.15	800
LGB0405-R33	0.33	20	50	25.2	150	0.15	800
LGB0405-R39	0.39	20	50	25.2	130	0.15	800
LGB0405-R47	0.47	20	50	25.2	130	0.15	800
LGB0405-R56	0.56	20	50	25.2	130	0.20	700
LGB0405-R68	0.68	20	50	25.2	120	0.20	700
LGB0405-R82	0.82	20	50	25.2	120	0.20	700
LGB0405-1R0	1.0	10	50	7.96	85	0.22	674
LGB0405-1R2	1.2	10	50	7.96	75	0.24	645
LGB0405-1R5	1.5	10	50	7.96	65	0.27	608
LGB0405-1R8	1.8	10	50	7.96	55	0.30	577
LGB0405-2R2	2.2	10	50	7.96	50	0.33	550
LGB0405-2R7	2.7	10	50	7.96	45	0.37	520
LGB0405-3R3	3.3	10	50	7.96	40	0.42	488
LGB0405-3R9	3.9	10	50	7.96	35	0.46	466
LGB0405-4R7	4.7	10	50	7.96	30	0.53	434
LGB0405-5R6	5.6	10	50	7.96	27	0.56	422
LGB0405-6R8	6.8	10	50	7.96	25	0.63	398
LGB0405-8R2	8.2	10	50	7.96	22	0.76	378
LGB0405-100	10	10	50	2.52	20	0.80	353
LGB0405-120	12	10	50	2.52	18	0.87	339
LGB0405-150	15	10	50	2.52	15	1.00	316
LGB0405-180	18	10	50	2.52	12	1.11	301
LGB0405-220	22	10	40	2.52	11	1.35	272
LGB0405-270	27	10	40	2.52	10	1.55	254
LGB0405-330	33	10	40	2.52	9.5	1.75	239
LGB0405-390	39	10	40	2.52	9.0	2.00	223
LGB0405-470	47	10	40	2.52	8.5	2.20	213
LGB0405-560	56	10	40	2.52	8.0	2.40	204
LGB0405-680	68	10	40	2.52	7.6	3.30	174
LGB0405-820	82	10	40	2.52	7.0	3.70	164
LGB0405-101	100	10	35	0.796	6.5	4.40	150
LGB0405-121	120	10	35	0.796	6.2	5.40	140
LGB0405-151	150	10	35	0.796	5.7	5.95	130
LGB0405-181	180	10	35	0.796	5.3	7.00	120
LGB0405-221	220	10	35	0.796	4.0	8.00	112



鼎新电 LGB 耐候型固定电感

型号	L (uH)	误差	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0405-271	270	10	35	0.796	3.6	12.4	90
LGB0405-331	330	10	35	0.796	3.3	13.2	87
LGB0405-391	390	10	35	0.796	3.0	15.4	80
LGB0405-471	470	10	35	0.796	2.8	17.3	76
LGB0405-561	560	10	30	0.796	2.4	21.0	69
LGB0405-681	680	10	30	0.796	2.2	23.5	65
LGB0405-821	820	10	30	0.796	2.0	26.5	61
LGB0405-103	1000	10	25	0.252	1.8	31.5	56

LGB0606 系列

型号	L (uH)	误差 $\pm\%$	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0606-R22	0.22	20	50	25.2	150	0.15	816
LGB0606-R27	0.27	20	50	25.2	150	0.15	816
LGB0606-R33	0.33	20	50	25.2	150	0.15	816
LGB0606-R39	0.39	20	50	25.2	130	0.15	816
LGB0606-R47	0.47	20	50	25.2	130	0.15	816
LGB0606-R56	0.56	20	50	25.2	130	0.20	707
LGB0606-R68	0.68	20	50	25.2	120	0.20	707
LGB0606-R82	0.82	20	50	25.2	120	0.20	707
LGB0606-1R0	1.0	10	50	7.96	100	0.20	707
LGB0606-1R2	1.2	10	50	7.96	85	0.20	707
LGB0606-1R5	1.5	10	50	7.96	70	0.22	674
LGB0606-1R8	1.8	10	50	7.96	60	0.22	674
LGB0606-2R2	2.2	10	50	7.96	55	0.25	632
LGB0606-2R7	2.7	10	50	7.96	50	0.27	608
LGB0606-3R3	3.3	10	50	7.96	45	0.30	577
LGB0606-3R9	3.9	10	50	7.96	40	0.32	559
LGB0606-4R7	4.7	10	50	7.96	35	0.35	534
LGB0606-5R6	5.6	10	50	7.96	33	0.37	519
LGB0606-6R8	6.8	10	50	7.96	27	0.40	500
LGB0606-8R2	8.2	10	50	7.96	25	0.45	471
LGB0606-100	10	10	50	2.52	20	0.80	353
LGB0606-120	12	10	50	2.52	18	0.90	333
LGB0606-150	15	10	50	2.52	17	1.00	316
LGB0606-180	18	10	50	2.52	15	1.20	288
LGB0606-220	22	10	50	2.52	13	1.40	267
LGB0606-270	27	10	50	2.52	11	1.70	242



鼎新电 LGB 耐候型固定电感

LGB0606-330	33	10	50	2.52	10.5	2.00	223
LGB0606-390	39	10	50	2.52	10.0	2.40	204
LGB0606-470	47	10	50	2.52	9.5	2.70	192
LGB0606-560	56	10	50	2.52	9.0	2.90	185
LGB0606-680	68	10	50	2.52	8.5	3.10	179
LGB0606-820	82	10	50	2.52	7.5	3.30	174
LGB0606-101	100	10	45	0.796	6.8	3.30	174
LGB0606-121	120	10	45	0.796	6.2	3.50	169
LGB0606-151	150	10	45	0.796	5.7	3.70	164
LGB0606-181	180	10	45	0.796	5.3	4.00	158
LGB0606-221	220	10	45	0.796	4.0	5.20	138
LGB0606-271	270	10	45	0.796	3.6	5.80	131
LGB0606-331	330	10	45	0.796	3.3	6.50	124
LGB0606-391	390	10	45	0.796	3.0	7.50	115
LGB0606-471	470	10	45	0.796	2.8	8.00	111
LGB0606-561	560	10	45	0.796	2.4	12.5	89
LGB0606-681	680	10	45	0.796	2.2	14.0	84
LGB0606-821	820	10	45	0.796	2.0	15.5	80
LGB0606-102	1000	10	40	0.252	1.8	18.5	73
LGB0606-122	1200	10	30	0.252	1.7	29.0	58
LGB0606-152	1500	10	30	0.252	1.5	34.0	54
LGB0606-182	1800	10	30	0.252	1.4	37.0	51
LGB0606-222	2200	10	30	0.252	1.2	42.0	48

LGB0607 系列

型号	L(uH)	误差 ±%	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0607-100	10	10	20	2.52	17.0	0.19	780
LGB0607-120	12	10	20	2.52	14.0	0.22	730
LGB0607-150	15	10	20	2.52	12.0	0.24	650
LGB0607-180	18	10	20	2.52	10.5	0.26	610
LGB0607-220	22	10	20	2.52	10.0	0.29	540
LGB0607-270	27	10	20	2.52	9.5	0.32	480
LGB0607-330	33	10	20	2.52	8.5	0.34	440
LGB0607-390	39	10	20	2.52	8.0	0.42	440
LGB0607-470	47	10	20	2.52	7.0	0.47	375
LGB0607-560	56	10	20	2.52	6.8	0.52	340
LGB0607-680	68	10	15	2.52	6.5	0.58	320
LGB0607-820	82	10	15	2.52	6.3	0.64	285
LGB0607-101	100	10	25	0.796	6.0	0.85	260



鼎新电 LGB 耐候型固定电感

LGB0607-121	120	10	25	0.796	5.4	1.00	240
LGB0607-151	150	10	25	0.796	4.75	1.20	215
LGB0607-181	180	10	30	0.796	4.0	1.50	195
LGB0607-221	220	10	30	0.796	3.85	1.65	180
LGB0607-271	270	10	30	0.796	3.6	2.15	160
LGB0607-331	330	10	35	0.796	3.3	2.90	145
LGB0607-391	390	10	35	0.796	3.0	3.25	135
LGB0607-471	470	10	35	0.796	2.8	4.15	125
LGB0607-561	560	10	40	0.796	2.4	4.45	115
LGB0607-681	680	10	40	0.796	2.2	5.58	105
LGB0607-821	820	10	40	0.796	2.0	6.60	95
LGB0607-102	1000	10	45	0.252	1.8	8.90	85
LGB0607-122	1200	10	45	0.252	1.7	10.5	75
LGB0607-152	1500	10	45	0.252	1.5	11.9	69
LGB0607-182	1800	10	45	0.252	1.3	16.5	60
LGB0607-222	2200	10	45	0.252	1.2	19.0	58
LGB0607-272	2700	5	40	0.252	0.8	32.0	52
LGB0607-332	3300	5	40	0.252	0.7	34.0	48
LGB0607-392	3900	5	40	0.252	0.7	38.0	45
LGB0607-472	4700	5	40	0.252	0.6	56.0	40
LGB0607-562	5600	5	40	0.252	0.5	63.0	37
LGB0607-682	6800	5	40	0.252	0.4	70.0	34
LGB0607-822	8200	5	40	0.252	0.4	77.0	31
LGB0607-103	10000	5	25	0.0796	0.3	95.0	28
LGB0607-123	12000	5	25	0.0796	0.2	110	25
LGB0607-153	15000	5	20	0.0796	0.1	160	21

LGB0810 系列

型号	L (uH)	误差 ±%	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0810-1R0	1.0	10	30	7.96	96	0.201	330
LGB0810-1R2	1.2	10	30	7.96	84	0.218	320
LGB0810-1R5	1.5	10	30	7.96	71	0.240	315
LGB0810-1R8	1.8	10	30	7.96	62	0.267	310
LGB0810-2R2	2.2	10	30	7.96	53	0.290	300
LGB0810-2R7	2.7	10	30	7.96	46	0.312	295
LGB0810-3R3	3.3	10	30	7.96	40	0.353	285
LGB0810-3R9	3.9	10	30	7.96	35	0.378	280
LGB0810-4R7	4.7	10	30	7.96	31	0.420	275
LGB0810-5R6	5.6	10	30	7.96	27	0.450	270
LGB0810-6R8	6.8	10	30	7.96	23	0.488	260



鼎新电 LGB 耐候型固定电感

LGB0810-8R2	8.2	10	30	7.96	20	0.540	255
LGB0810-100	10	10	30	2.52	20	1.14	250
LGB0810-120	12	10	30	7.96	100	1.3	220
LGB0810-150	15	10	30	7.96	94	1.4	210
LGB0810-180	18	10	30	7.96	65	1.6	200
LGB0810-220	22	10	30	7.96	56	1.7	190
LGB0810-270	27	10	30	7.96	48	1.9	180
LGB0810-330	33	10	30	7.96	37	2.0	175
LGB0810-390	39	10	30	7.96	25	2.2	165
LGB0810-470	47	10	30	7.96	21	2.5	160
LGB0810-560	56	10	30	2.52	19	2.5	150
LGB0810-680	68	10	30	2.52	17	2.8	145
LGB0810-820	82	10	30	2.52	13	3.1	140
LGB0810-101	100	10	30	0.796	7	2.85	150
LGB0810-121	120	10	30	0.796	6	4.35	145
LGB0810-151	150	10	30	0.796	5	3.60	130
LGB0810-181	180	10	30	0.796	4	4.02	120
LGB0810-221	220	10	30	0.796	4	4.70	115
LGB0810-271	270	10	30	0.796	3	5.40	105
LGB0810-331	330	10	30	0.796	3	7.50	100
LGB0810-391	390	10	30	0.796	3	8.55	90
LGB0810-471	470	10	30	0.796	2.8	9.90	85
LGB0810-561	560	10	30	0.796	2.5	11.4	80
LGB0810-681	680	10	30	0.796	2.3	11.8	68
LGB0810-821	820	10	30	0.796	2.1	12.3	58
LGB0810-103	1000	10	30	0.252	1.9	14.1	50

LGB0909 系列

型号	L(μH)	误差 ±%	Q (min)	测试频率 (MHZ)	自谐频率 (MHZ)	直流电阻 (Ω) max	额定电流 (mA)
LGB0909-101	100	10	55	0.796	4.3	0.85	343
LGB0909-121	120	10	55	0.796	4.1	0.95	324
LGB0909-151	150	10	55	0.796	3.7	1.05	309
LGB0909-181	180	10	55	0.796	3.3	1.15	295
LGB0909-221	220	10	50	0.796	2.3	1.30	227
LGB0909-271	270	10	50	0.796	2.0	1.50	258
LGB0909-331	330	10	50	0.796	1.95	1.70	243
LGB0909-391	390	10	50	0.796	1.85	1.85	232
LGB0909-471	470	10	50	0.796	1.57	2.30	209
LGB0909-561	560	10	45	0.796	1.50	2.55	198



鼎新电 LGB 耐候型固定电感

LGB0909-681	680	10	40	0.796	1.40	2.85	187
LGB0909-821	820	10	35	0.796	1.32	3.10	180
LGB0909-102	1000	10	60	0.252	1.25	4.10	156
LGB0909-122	1200	10	60	0.252	1.20	4.70	146
LGB0909-152	1500	10	60	0.252	1.00	5.80	131
LGB0909-182	1800	10	60	0.252	0.95	7.40	116
LGB0909-222	2200	10	65	0.252	0.90	8.40	109
LGB0909-272	2700	5	65	0.252	0.84	11.2	94
LGB0909-332	3300	5	65	0.252	0.75	14.7	82
LGB0909-392	3900	5	65	0.252	0.67	19.5	72
LGB0909-472	4700	5	65	0.252	0.62	21.5	68
LGB0909-562	5600	5	60	0.252	0.57	24.5	64
LGB0909-682	6800	5	60	0.252	0.47	32.5	55
LGB0909-822	8200	5	55	0.252	0.43	38	51
LGB0909-103	10000	5	50	0.38	0.38	43	48
LGB0909-123	12000	5	50	0.0796	0.37	62	40
LGB0909-153	15000	5	50	0.0796	0.33	74	37
LGB0909-183	18000	5	50	0.0796	0.29	103	31
LGB0909-223	22000	5	50	0.0796	0.26	118	29
LGB0909-273	27000	5	50	0.0796	0.25	131	28
LGB0909-333	33000	5	50	0.0796	0.25	152	26
LGB0909-393	39000	5	40	0.0796	0.23	205	22
LGB0909-473	47000	5	35	0.0796	0.21	260	20
LGB0909-563	56000	5	35	0.0796	0.20	295	18