

GL 系列 SERIES



- 全焊结构，确保可靠的电气接触性
All-welded construction ensures reliable electrical contact
- 耐超高温
Resistance to ultra high temperature
- 保证 125℃、3000 小时寿命。(叠加纹波电流)
Endurance with ripple current: 3000 hours at 125℃



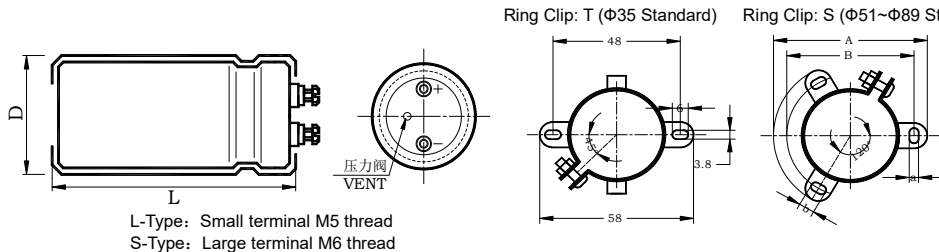
◆规格表 SPECIFICATIONS

项目 Items	特性 Characteristics		
工作温度范围 Operating Temperature Range	-25~+125℃		
额定工作电压范围 Rated Working Voltage Range	350~400V		
静电容量范围 Capacitance Range	680~10000 µF		
静电容量允许偏差 Capacitance Tolerance	±20% (20℃, 120Hz)		
损耗角正切值 Dissipation Factor (MAX) 20℃, 120Hz	U _R (V)	350	400
	tanδ	0.15	
漏电流 Leakage Current (MAX)	I=0.01C _R U _R 或5mA取小者 (20℃, 施加额定电压5分钟后) I=0.01C _R U _R or 5mA whichever is minimum. (at 20℃, After 5 minutes application of rated voltage) I=漏电流(µA) U _R =额定电压(V) C _R =静电容量(µF) Leakage Current Rated Voltage Rated Capacitance		

	负荷寿命 Load Life	耐久性特性 Endurance Test	高温无负荷特性 Shelf Life
产品寿命 Life Time	3000h	3000h	1000h
漏电流 Leakage Current	≤规定值 ≤Specified value	≤规定值 ≤Specified value	≤规定值 ≤Specified value
损耗角正切值变化率 tanδ Change	≤规定值的300% ≤300% of specified value	≤规定值的200% ≤200% of specified value	≤规定值的200% ≤200% of specified value
静电容量变化率 Capacitance Change	初始值±30%以内 Within±30% of initial value	初始值±20%以内 Within±20% of initial value	初始值±20%以内 Within±20% of initial value
施加条件 Condition 施加电压 Applied Voltage 施加纹波电流 Applied Ripple Current 环境温度 Applied Temperature 失效率等级 Failure Rate Level	U _R I _R 125℃ 0%	U _R I _R =0 125℃ 0%	U _R =0 I _R =0 125℃ 0% Back up to 20℃ and placed more than 24 hours. U _R to be applied for 60 min before measurement.

◆尺寸图 Dimensions

- 常用端子型式代码: Terminal Code



Ring Clip Dimensions:

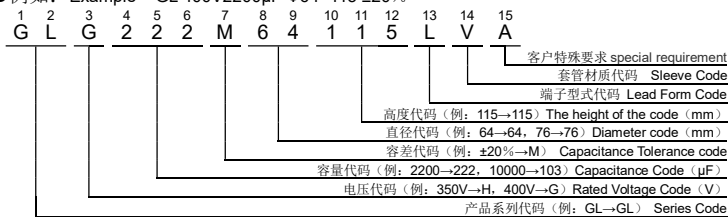
ΦD	A	B	a	b
51	73.0	63.5	4.5	7
64	85.1	76.2	4.5	7
76	98.4	88.9	4.5	7
89	111.1	101.6	4.5	7

产品详细尺寸和公差请参照 P130
For detailed dimension & tolerance, please refer to P130

- 记载以外的端子形状，请另行咨询。Please consult to us for the terminal type not displayed in content.

◆产品编码体系 PART NUMBER SYSTEM

- 例如: Example GL 400V2200µF Φ64×115 ±20%



◆ 产品一览表 Standard Ratings

WV _{dc} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz m Ω	Ripple Current 125°C 120Hz (Arms)	Catalog Part Number
350 (400)	680	51×80	0.15	156.1	2.9	GLH681M51080□VA
	820	51×80	0.15	129.5	3.2	GLH821M51080□VA
	1200	51×95	0.15	89.5	4.2	GLH122M51095□VA
	1500	51×105	0.15	70.8	4.8	GLH152M51105□VA
	1800	64×80	0.15	59.0	5.4	GLH182M64080□VA
	2200	64×95	0.15	48.3	6.4	GLH222M64095□VA
	2700	64×115	0.15	39.3	8.0	GLH272M64115□VA
	3300	64×130	0.15	32.2	9.0	GLH332M64130□VA
	3900	76×115	0.15	27.2	9.6	GLH392M76115□VA
	4700	76×130	0.15	22.6	10.8	GLH472M76130□VA
	5600	76×155	0.15	19.0	14.0	GLH562M76155□VA
	6800	89×157	0.15	15.6	16.2	GLH682M89157□VA
	8200	89×160	0.15	12.9	17.5	GLH822M89160□VA
10000	89×195	0.15	10.6	19.5	GLH103M89195□VA	

WV _{dc} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz m Ω	Ripple Current 125°C 120Hz (Arms)	Catalog Part Number
400 (450)	680	51×80	0.15	117.1	3.0	GLG681M51080□VA
	820	51×80	0.15	97.1	3.3	GLG821M51080□VA
	1200	51×105	0.15	66.3	4.7	GLG122M51105□VA
	1500	51×105	0.15	53.1	5.0	GLG152M51105□VA
	1800	64×95	0.15	44.2	5.8	GLG182M64095□VA
	2200	64×115	0.15	36.2	6.9	GLG222M64115□VA
	2700	64×130	0.15	29.5	8.4	GLG272M64130□VA
	3300	76×115	0.15	24.1	9.3	GLG332M76115□VA
	3900	76×130	0.15	20.4	10.3	GLG392M76130□VA
	4700	64×150	0.15	16.9	11.2	GLG472M64150□VA
	5600	89×130	0.15	15.4	13.6	GLG562M89130□VA
	6800	89×157	0.15	13.7	16.2	GLG682M89157□VA
	8200	89×195	0.15	11.3	18.9	GLG822M89195□VA

*产品编码中□内为产品端子引出型式代码

*□Enter the appropriate terminal code

*记载之外的体积，请另行咨询。

*Please ask for advice for other sizes.

*铝电解电容器由于承受纹波电流而发热，随着温升而发生性能劣化。请在使用中降低产品承受的纹波电流。

*Aluminum electrolytic capacitor will emit heat when ripple current is applied, the performance will deteriorate when temp. rises. Please reduce the ripple current when using capacitor.