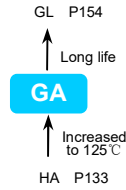


GA 系列 SERIES



- 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℃、2000 小时寿命。（叠加纹波电流）
Endurance with ripple current: 2000 hours at 125℃



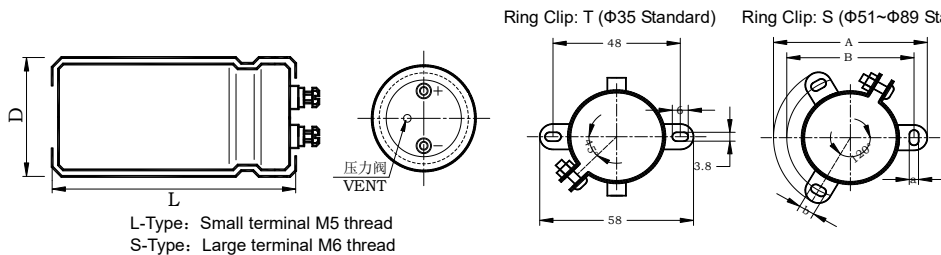
规格表 SPECIFICATIONS

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	<table border="1"> <tr> <td>U_R(V)</td> <td>350</td> <td>400</td> </tr> <tr> <td>tanδ</td> <td colspan="2">0.15</td> </tr> </table>	U _R (V)	350	400	tanδ	0.15	
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	2000h	2000h	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:

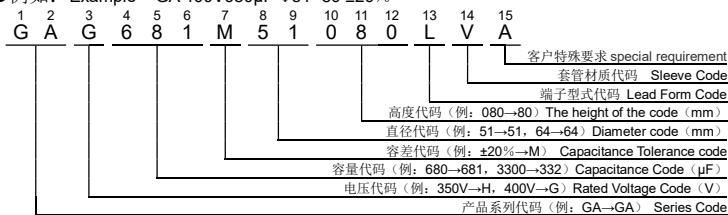
ΦD	A	B	a	b
51	73.0	63.5	4.5	7
64	85.1	76.2	4.5	7
76	98.4	88.9	4.5	7
89	111.1	101.6	4.5	7

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 GA 400V680μF Φ51×80 ±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	Ripple Current 125°C/120Hz z (Arms)	Catalog Part Number
350 (400)	680	51×80	0.15	2.8	GAH681M51080□VA
	820	51×80	0.15	3.0	GAH821M51080□VA
	1200	51×95	0.15	3.9	GAH122M51095□VA
	1500	51×105	0.15	4.6	GAH152M51105□VA
	1800	64×80	0.15	4.7	GAH182M64080□VA
	2200	64×95	0.15	6.1	GAH222M64095□VA
	2700	64×115	0.15	7.3	GAH272M64115□VA
	3300	64×130	0.15	8.1	GAH332M64130□VA
	3900	76×115	0.15	9.2	GAH392M76115□VA
	4700	76×130	0.15	10.4	GAH472M76130□VA
	5600	76×155	0.15	12.9	GAH562M76155□VA
	6800	89×157	0.15	15.6	GAH682M89157□VA
	8200	89×160	0.15	17.2	GAH822M89160□VA
	10000	89×195	0.15	18.7	GAH103M89195□VA

WV _{DC} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C/120Hz	Ripple Current 125°C/120Hz z (Arms)	Catalog Part Number
400 (450)	680	51×80	0.15	2.9	GAG681M51080□VA
	820	51×80	0.15	3.1	GAG821M51080□VA
	1200	51×105	0.15	4.0	GAG122M51105□VA
	1500	51×105	0.15	4.8	GAG152M51105□VA
	1800	64×95	0.15	5.0	GAG182M64095□VA
	2200	64×115	0.15	6.3	GAG222M64115□VA
	2700	64×130	0.15	7.6	GAG272M64130□VA
	3300	76×115	0.15	8.4	GAG332M76115□VA
	3900	76×130	0.15	9.5	GAG392M76130□VA
	4700	76×130	0.15	10.8	GAG472M76130□VA
	5600	76×155	0.15	13.5	GAG562M76155□VA
	6800	89×157	0.15	15.9	GAG682M89157□VA
	8200	89×195	0.15	18.3	GAG822M89195□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.