

Part Number System (产品编码)

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21	
SERIES		CAPCITANCE		TOL.		VOLTAGE		CASE SIZE		TYPE		SLEEVE		COLOR		SHAPE		OTHERS																							
Series	Cap (MFD)	Code	Tolerance	Code	Voltage	Code	Case Size		Feature Code		Background	Code	Special	Code																											
							Liameten	Code																																	
LG	LR	0.1	104	±5%	J	004	4	3	B	Bulk	RRO	Black	H	No special	P0																										
ER	PG	0.22	224	±10%	K	6R3	6.3	4	C	PCB Termial	Green	L	Other trademark	W0																											
BR	VG	0.33	334	±15%	L	008	8	5	D	Ammo Taping	Violet	Z	Ø8 F=2.5mm	X0																											
VT	VZ	0.47	474	±20%	M	010	10	6.3	E	2.0mm Pitch	T20	Light purple																													
SM	SX	1	105	±30%	N	016	16	8	F	2.5mm Pitch	T25	Navy blue	S																												
KS	KF	2.2	225	-40%	W	025	25	10	G	3.5mm Pitch	T35	Sky blue	T																												
GM	KM	3.3	335	0		035	35	13	J	5.0mm Pitch	T50	Coffee																													
GS	EF	4.7	475	-20%	A	050	50	16	K	Lead Cut & Form		Orange red	K	Finite height	G0																										
ZF	GR	10	106	0		063	63	18	L	C-Type	CXX	Transparent blue	M	Special voltage	VX																										
LF	GF	22	226	-20%	C	080	80	22	N	E-Type	EXX	Transparent yellow	Y	Special capacitance	CX																										
EL	AL	33	336	10%		100	100	25	O	V-Type	VXX	Printing color																													
KL	HL	47	476	-20%	X	120	120	30	P	Q-Type	QXX	Black	1																												
FL	GL	100	107	40%		160	160	35	Q	P-Type	PXX	White	2																												
ML	ZL	220	227	-10%	V	200	200	40	R	W-Type	WXX	Silvery	3																												
PL	RL	330	337	20%		220	220	51	S	K-Type	KXX	Golden	4																												
LM	LK	470	477	0	R	250	250	63.5	T	H-Type	HXX	Rubber Shape																													
LH	LL	2200	228	20%		315	315	76	U	Y-Type	YXX	Plane	F																												
NM	NS	22000	229	0	I	350	350	90	X			Convex	T																												
NP	NH	33000	339	50%		400	400	Len. (mm)	Code			Snap-in	S																												
BP	PZ	47000	479			420	420	05	5			V-chip	V																												
MZ	FZ	100000	10T			450	450	07	7	Sleeve Material	Code																														
LZ	PF	150000	15T			500	500	09	9	PET	E																														
AP	PE	220000	22T			550	550	10	10	PVC	V																														
LS	LP	330000	33T			600	600	11	11																																
FP	PN	1000000	10M					12	12																																
MN	FN	2200000	22M					13	13																																
UN		3300000	33M					14	14																																
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								55	55																																
								60	60																																

KM Series

+105°C, General (普通品)

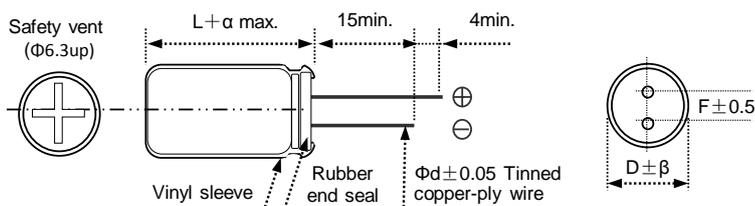
FEATURES

1. Rated working voltage range 6.3 to 100V DC/160 to 450V DC at operation temperature range -40 to 105°C/-25 to +105°C.
2. This series is for communication equipments, switching power supply, industrial measuring instruments, automotive electric products, etc.

SPECIFICATIONS

Item	Performance Characteristics								
Operation Temperature Range	-40°C~+105°C					-25~+105°C			
Rated Working Voltage Range	6.3 to 100V					160 to 450V			
Nominal Capacitance Range	0.1 to 33000μF								
Capacitance Tolerance	±20% (120HZ 20°C)								
Leakage Current	L≤0.01CV or(μA) whichever is greater					L≤0.03CV +40(μA)			
	after 2 minutes application of rated working voltage at +20°C								
tan δ (120Hz,+20°C)	Working Voltage	6.3	10	16	25	35	50	63	100
	tan δ(max.)	0.26	0.22	0.18	0.16	0.14	0.12	0.1	0.08
	Working Voltage	160	200	220	250	350	400	420	450
	tan δ(max.)	0.2	0.2	0.2	0.2	0.24	0.24	0.24	0.24
For capacitance value >1000μF, add 0.02 per another 1000μF									
Low Temperature characteristics	Impedance ratio max. at 120 HZ								
	Working Voltage(V)	6.3	10	16	25	35	50	63	100
	Z-25°C/Z+20°C	5	4	3	2	2	2	2	2
	Z-40°C/Z+20°C	10	8	6	4	3	3	3	3
	Working Voltage(V)	160	200	220	250	350	400	420	450
Z-25°C/Z+20°C	3	3	3	4	4	6	6	15	
For capacitance value >1000μF, Add 0.5 per another 1000μF for Z-25°C/Z+20°C									
Add 1.0 per another 100μF for Z-40°C/Z+20°C									
High Temperature Loading	Test conditions				Post test requirements at +20°C				
	Duration:	ΦD	≤6.3	≥8	Leakage current :≤Initial specified value				
		Load life	1000h	2000h	Cap. Change :within ±20% of initial specified value				
	Ambient temp. :+105°C				tan δ :≤200% of initial specified value				
	Applied voltage :DC voltage with maximum permissible ripple current specified at +105								
	(Sum of the DC voltage and super-imposed peak AC voltage for maximum permissible ripple current should be equal to rated DC working voltage).								
Shelf Life	Test conditions				Post test requirements at +20°C				
	Duration : 1000 hours				Same limits for high temperature loading.				
	Ambient temp : +105°C								
Applied voltage : (None)									
Other	JIS C-5101 (IEC 60384)								

CASE SIZE TABLE



ΦD	5	6.3	8	10	13	16	18	22	25
F	2	2.5	3.5	5	5	7.5	7.5	10	10
Φd	0.5		0.6		0.8				
α	(L<20)1.5				(L≥20)2.0				
β	(D<20)0.5				(D≥20)1.0				

RIPPLE CURRENT MULTIPLIER

Frequency coefficient

Rated voltage(V)	Cap(μF)	50 Hz	120 Hz	300 Hz	1K Hz	10K Hz~
6.3-100	~47	0.75	1.00	1.35	1.57	2.00
	68~470	0.80	1.00	1.23	1.34	1.50
	≥560	0.85	1.00	1.10	1.13	1.15
160-450	0.47~220	0.80	1.00	1.25	1.40	1.60
	≥270	0.90	1.00	1.10	1.13	1.15

电 解 电 容 器 检 查 表

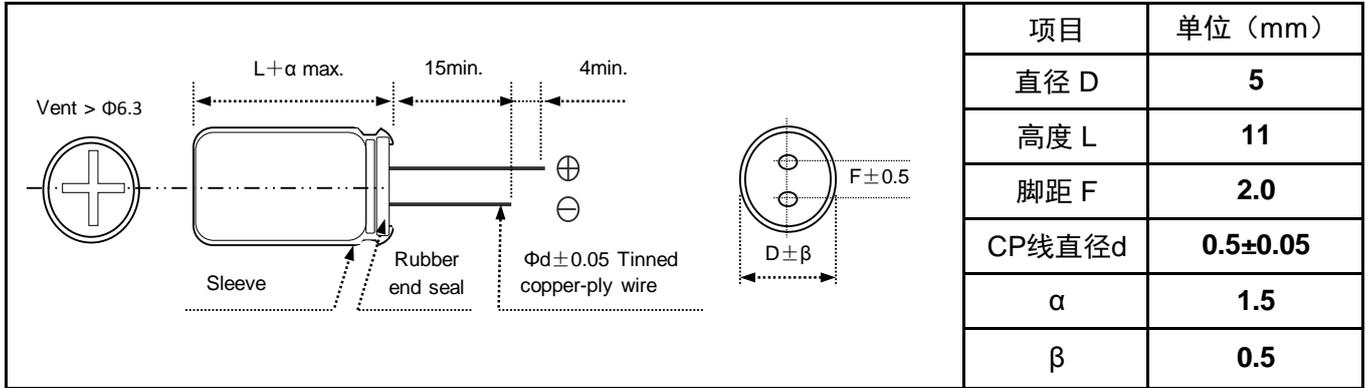
TEST REPORT FOR ELEC CAPACITORS

客户料号:

系列 Series	KM	规格 Specification	100uF25V	尺寸 Size	5*11	数量 QTY.	pcs
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1、测试仪器：LCR METER 测试仪、漏电流测试仪

2、产品尺寸图示：



3、样品特性测试数据如下表：

[测试温度： 29 °C 、 湿度： 65 %]

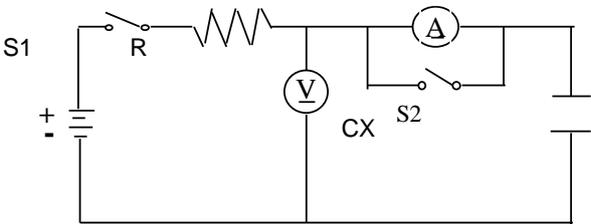
NO.	Cap静电容量(120Hz)	D.F 损失角	L.C.漏电流	E.S.R串联等效阻抗 or Z值
	Tolerance: <u>-20~+20</u> % <u>80 ~ 120</u> (uF)	<u>120</u> Hz ≤ <u>0.16</u>	<u>25</u> V <u>2</u> 分钟 ≤ <u>25</u> (uA)	<u>100K</u> Hz ≤ (Ω)
1	91.0	0.066	2.1	
2	92.0	0.065	2.0	
3	90.0	0.067	2.2	
4	93.0	0.065	2.0	
5	90.0	0.066	2.1	
6	91.0	0.067	2.2	
7	92.0	0.065	2.0	
8	95.0	0.066	2.1	
9	94.0	0.067	2.2	
10	95.0	0.066	2.1	
Max.	95.0	0.067	2.2	
Min.	90.0	0.065	2.0	
平均值	92.3	0.066	2.1	
判定 Decision	PASS	PASS	PASS	

1. Scope 适用范围：

This specification applies to aluminum electrolytic capacitor, used in electronic equipment.

本说明对于用电子仪器设备进行检测之铝电解电容器适用。

2. Electrical characteristics 电气特性：

NO.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格															
2.1	Rated voltage 额定电压		Voltage range、capacitance range, see specification of this series. 电压、容量范围请看该系列之规格说明。															
2.2	Capacitance 静电容量	1. Measuring frequency : 120 ± 12Hz 测定频率																
2.3	Dissipation factor 散逸因素 (损失角)	2. Measuring voltage : ≤0.5Vrms + 0.5 ~ 2.0VDC 测定电压 3. Measurement circuit :  测定电路																
2.4	Leakage current 泄漏电流	DC leakage current shall be measured after 1~2 minutes application of the DC rated working voltage through the 1000 Ω resistor at 20°C. 在20 °C通过1000Ω的电阻施加直流工作电压1~2分钟后测定直流泄漏电流。  R : 1000 ± 100Ω S1 : Switch 开关 A : DC current meter S2 : Switch for protect of 直流电流计 current meter V : DC voltage meter 直流电流计的保护开关 直流电压计 CX : Testing capacitor 测试电容	Dissipation factor、leakage current, see specification of this series. 损失角、泄漏电流请看该系列之规格说明。															
2.5	Temperature characteristics 温度特性	<table border="1"> <thead> <tr> <th>STEP 步骤</th> <th>TEMPERATURE 温度</th> <th>STORAGE TIME 放置时间</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20°C ± 2 °C</td> <td>30 minutes</td> </tr> <tr> <td>2</td> <td>-40°C or -25°C ± 3 °C</td> <td>2 hours</td> </tr> <tr> <td>3</td> <td>20°C ± 2 °C</td> <td>15 minutes</td> </tr> <tr> <td>4</td> <td>105°C ± 2°C</td> <td>2 hours</td> </tr> </tbody> </table> <p>Step 1. Measure the capacitance and impedance. 测定静电容量及阻抗 (Z r0) . (Z , 20°C , 120Hz ± 10%)</p> <p>Step 2. Measure the impedance at thermal balance after 2 hours. 达到热平衡2小时后测定阻抗 (Zr) . (Z , -40°C or -25 °C , 120Hz ± 10%)</p> <p>Step 4. Measure the capacitance and leakage current at thermal balance after 2 hours. 达到热平衡2小时后测定静电容量及漏电流 .</p>	STEP 步骤	TEMPERATURE 温度	STORAGE TIME 放置时间	1	20°C ± 2 °C	30 minutes	2	-40°C or -25°C ± 3 °C	2 hours	3	20°C ± 2 °C	15 minutes	4	105°C ± 2°C	2 hours	<p>Step 2. Impedance ratio (Zr / Z r0) less than specified value. 阻抗比：低于规定值 .</p> <p>Step 4 Capacitance change : within ± 20% of the initial measured value. 静电容量变化：最初测定值的 ± 20%以内。 Leakage current : Less than 10 times of initial specified value . 泄漏电漏：初期规格值的10倍以下 .</p>
STEP 步骤	TEMPERATURE 温度	STORAGE TIME 放置时间																
1	20°C ± 2 °C	30 minutes																
2	-40°C or -25°C ± 3 °C	2 hours																
3	20°C ± 2 °C	15 minutes																
4	105°C ± 2°C	2 hours																

No.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格
2.6	Surge test 浪涌(突波)试验	Rated surge voltage shall be applied (swich on) for 30 ± 5 seconds and then shall be applied (swich off) with discharge for 5 ± 0.5 min at room temperature . This cycle shall be repeated for 1000 cycles . Duration of one cycle is 6 ± 0.5 minutes . 在常温下施加 (合上开关) 额定涌浪电压 30 ± 5 秒, 然后停止施加 (断开开关) 涌浪电压并且放电 5 ± 0.5 分钟. 这个循环要重复 1000 次 . 以 6 ± 0.5 分钟为一个循环周期 .	① ΔC/C0在 ± 15%以内. ② DF≤2倍SPEC.或产品目录要求 ③ ILC≤初始规定值
2.7	MAXIMUM APPLICABLE RIPPLE CURRENT 高温最大纹波电流负荷试验	The maximum A.C.current having frequency of 120Hz (or 100K Hz) which can be applied to the capacitor at Max. temperature ±2℃ continuously.Peak voltage not to exceed rated D.C.voltage. 在120Hz(or 100K Hz) 频率条件下, 以电容器最高使用温度下, 施加最大的允许纹波电流.施加的AC及DC偏压不能超过DC电压.	① ΔC/C0: 见SPEC.或产品目录 ② DF≤2倍SPEC.或产品目录要求 ③ ILC≤初始规定值 注:与高温负荷判定标准一致

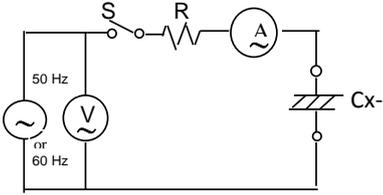
3. Mechanical characteristics 机械特性 :

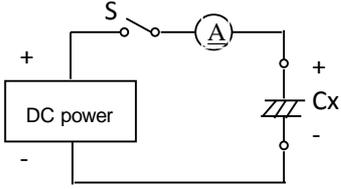
No.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格																										
3.1	Lead strength 端子强度	<p>(A) Tensile strength 拉伸强度 :</p> <p>wire lead terminal 导针型 :</p> <table border="1"> <tr> <td>d (mm)</td> <td>≤0.45</td> <td>0.5 ~ 0.8</td> <td>0.8 < d ≤ 1.25</td> </tr> <tr> <td>load (Kg)</td> <td>0.5</td> <td>1.0</td> <td>2.0</td> </tr> </table> <p>snap-in terminal 尖脚型 :</p> <table border="1"> <tr> <td>d (mm)</td> <td>尖脚端子</td> </tr> <tr> <td>load (Kg)</td> <td>2.0</td> </tr> </table> <p>The capacitor shall withstand the constant tensile force specified between the body and each lead for 10 seconds without damage either mechanical or electrical. 电容器各端子要承受规定的荷重 10 秒, 不能有电气或机械特性上的损伤.</p> <p>(B) Bending strength 弯曲强度 :</p> <p>wire lead terminal 导针型 :</p> <table border="1"> <tr> <td>d (mm)</td> <td>≤0.45</td> <td>0.5 ~ 0.8</td> <td>0.8 < d ≤ 1.25</td> </tr> <tr> <td>load (Kg)</td> <td>0.25</td> <td>0.5</td> <td>1.0</td> </tr> </table> <p>snap-in terminal 尖脚型 :</p> <table border="1"> <tr> <td>cross section area of terminal 端子截面积 (mm²)</td> <td>force 拉伸力 (Kg)</td> </tr> <tr> <td>0.5 < S ≤ 1</td> <td>1.0</td> </tr> <tr> <td>S > 1</td> <td>2.5</td> </tr> </table> <p>With the capacitor in a vertical position apply the load specified axially to each lead . The capacitor shall be rotated slowly from the vertical to the horizontal position , back to the vertical position . The 90° in the opposite direction and back the original position . Performance of capacitor shall not have changed and leads shall be undaged . 给在竖直位置的电容器的每一端子以轴方向施加规定荷重, 慢慢将电容器由竖直位置转至水平位置. 然后向相反方向弯曲 90°, 再回到原来位置. 电容器性能不能有变化及端子不能有损伤.</p>	d (mm)	≤0.45	0.5 ~ 0.8	0.8 < d ≤ 1.25	load (Kg)	0.5	1.0	2.0	d (mm)	尖脚端子	load (Kg)	2.0	d (mm)	≤0.45	0.5 ~ 0.8	0.8 < d ≤ 1.25	load (Kg)	0.25	0.5	1.0	cross section area of terminal 端子截面积 (mm ²)	force 拉伸力 (Kg)	0.5 < S ≤ 1	1.0	S > 1	2.5	<p>When the capacitance is measured, there shall be no intermitten contacts, or open- or short- circuiting.</p> <p>测定静电容量时, 不能有接触不良, 开路或短路。</p> <p>There shall be no such mechanical damage as terminal damage etc.</p> <p>不能有如端子受损之类的机械特性上的损伤。</p>
d (mm)	≤0.45	0.5 ~ 0.8	0.8 < d ≤ 1.25																										
load (Kg)	0.5	1.0	2.0																										
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0.5 < S ≤ 1	1.0																												
S > 1	2.5																												

No.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格
3.2	Vibration resistance 耐振性	<p>The frequency of the vibration shall vary uniformly within the range 10 to 55 Hz with the amplitude of 1.5 mm , completing the cycle in the internal of one minute .</p> <p>The capacitor shall be securely mounted by its leads with hold the body of capacitor .</p> <p>The capacitor shall be vibrated in three mutually perpendicular directions for a period of 2 hours in each direction .</p> <p>振动频率要均匀，范围为 10 Hz, 到 55 Hz，振幅为 1.5 mm，在 1 分钟内完成该循环。</p> <p>电容器将由端子牢固地固定。</p> <p>电容器会被向三个互相垂直的方向每个方向振动 2 小时。</p>	<p>Capacitance : no unsteady . 静电容量 : 稳定 .</p> <p>Appearance : no abnormal . 外观 : 无异常 .</p> <p>① Capacitance change : within $\pm 5\%$ of initial measured value . 容量变化 : 最初测得值的 $\pm 5\%$ 之内 .</p> <p>② $DF \leq$ 同SPEC.要求</p> <p>③ $ILC \leq$ 初始规定值</p>
3.3	Solderability 焊锡性	<p>The leads are dipped in the solder bath of Sn at $245 \pm 5^\circ\text{C}$ for 3 ± 0.5 seconds . The dipping depth should be set at 1.5 ~ 2.0 mm .</p> <p>端子浸没在 $245 \pm 5^\circ\text{C}$ 的锡焊液中 3 ± 0.5 秒 . 浸没深度设定为 1.5 ~ 2.0 mm .</p>	<p>The solder alloy shall cover the 95% or more of the dipped lead's area .</p> <p>锡液要覆盖导针浸入表面积 的 95% 以上 .</p>

4. Reliability 信赖度 .

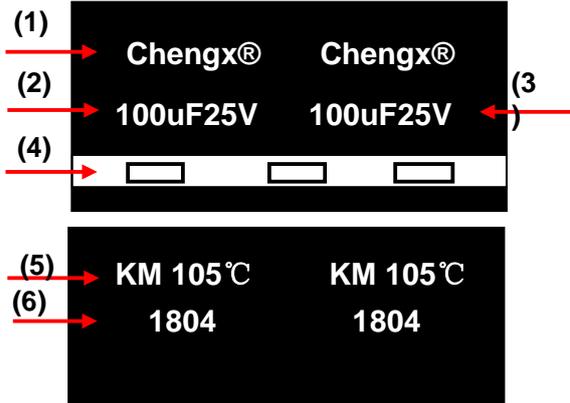
No.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格
4.1	Soldering heat resistance 焊锡耐热性	<p>The leads immerse in the solder bath of Sn at $260 \pm 5^\circ\text{C}$ for 10 ± 1 seconds until a distance of 1.5 ~ 2mm from the case .</p> <p>导针在 $260 \pm 5^\circ\text{C}$ 的锡焊液中浸没至离本体 1.5 ~ 2 mm 的地方 10 ± 1 秒 .</p>	<p>No damage or leakage of electrolyte . 无损伤或电解液漏出 .</p> <p>Capacitance change : within $\pm 10\%$ of the initial measured value . 容量变化 : 最初测定值的 $\pm 5\%$ 以内 .</p> <p>Tan δ : less than specified value . 损失角 : 低于规定值 .</p> <p>Leakage current : less than specified value . 泄漏电流 : 低于规定值 .</p>
4.2	Damp heat (steady state) 稳态湿热	<p>Subject the capacitors to $85 \pm 2^\circ\text{C}$ and 85% to 95% relative humidity for 500+24/0 hours .</p> <p>电容器在 $85 \pm 2^\circ\text{C}$ 及相对湿度 85% 到 95% 的条件下经历 500 (-0~+24) 小时 .</p>	<p>Capacitance change : within $\pm 10\%$ of the initial measured value . 容量变化 : 最初测定值的 $\pm 15\%$ 以内 .</p> <p>Tan δ : less than 120% of the initial specified value . 损失角 : 低于1.2倍规定值 .</p> <p>Leakage current : less than specified value . 泄漏电流 : 低于规定值 .</p>

NO.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格														
4.3	Load life 高温负荷	<p>After X hours continuous application of DC rated working voltage at Max. temperature $\pm 5^{\circ}\text{C}$.</p> <p>Measurements shall be performed after 2 hours exposed at room temperature .</p> <p>在最高使用温度 $\pm 5^{\circ}\text{C}$ 环境当中连续施加直流定格电压 X 小时。</p> <p>(X: see specification of this series. 见该系列规格说明 .)</p>	<p>Standard of judgement is according to requirement of this series .</p> <p>判定标准依该系列要求 .</p>														
4.4	Shelf life 高温无负荷	<p>After storage for Y hours at temperature $\pm 5^{\circ}\text{C}$ (See specification of this series) without voltage application , the measurements shall meet the following limits .</p> <p>Measurements shall be performed after exposed for 1 to 2 hrs at room temperature after application of DC rated voltage to the capacitor for Z minutes .</p> <p>在 目录书规定的温度环境当中不施加直流定格电压放置 Y 小时后 , 按以下条件测试 .</p> <p>测试在室温露置 1 到 2 小时 , 施加直流定格电压 Z 分锺后进行。</p> <p>(Y . Z : see specification of this series. 见该系列规格说明 .)</p>															
4.5	Storage at low temperature 低温贮存	<p>The capacitor shall be stored at the lowest($\pm 3^{\circ}\text{C}$) temperature for 1000+24/0 hours , during which time no voltage shall be applied .</p> <p>And then the capacitor shall be subjected to standard atmospheric conditions for 16 hours or more , after which measurements shall be made .</p> <p>电容器在最低允许温度($\pm 3^{\circ}\text{C}$) 环境当中贮存1000+24/0 小时 , 其间不施加电压 .</p> <p>之后 , 在标准大气压中露置 16 小时以上 , 然后进行测试 .</p>	<p>Capacitance change : within $\pm 10\%$ of the initial value . 容量变化 : 最初值的 $\pm 10\%$ 以内 .</p> <p>Tan δ : less than specified value . 损失角 : 低于规定值 .</p> <p>Leakage current : less than specified value . 泄漏电流 : 低于规定值 .</p> <p>Appearance : no abnormal . 外观 : 无异常 .</p>														
4.6	Pressure relief 防爆试验	<p>AC test 交流试验 : (此条件只适用于≥ 08产品)</p> <p>Applied voltage : AC voltage not exceeding 0.7 times of the rated direct voltage or 250 V AC whichever is the lower .</p> <p>施加电压 : 不超过定格电压 0.7 倍的交流电压或低于交流电压 250 V 的任意电压 .</p> <p>Frequency 频率 : 50 Hz or 60 Hz .</p> <p>Series resistor : refer to the table below .</p> <p>串联阻抗 : 参照下表 .</p> <table border="1" data-bbox="456 1675 1023 1989"> <thead> <tr> <th>Capacitance (C) 容 量</th> <th>Series resistor 串 联 阻 抗</th> </tr> </thead> <tbody> <tr> <td>$C \leq 1\mu\text{F}$</td> <td>1000 Ω</td> </tr> <tr> <td>$1\mu\text{F} < C \leq 10\mu\text{F}$</td> <td>100 Ω</td> </tr> <tr> <td>$10\mu\text{F} < C \leq 100\mu\text{F}$</td> <td>10 Ω</td> </tr> <tr> <td>$100\mu\text{F} < C \leq 1000\mu\text{F}$</td> <td>1 Ω</td> </tr> <tr> <td>$1000\mu\text{F} < C \leq 10000\mu\text{F}$</td> <td>0.1 Ω</td> </tr> <tr> <td>$10000\mu\text{F} < C$</td> <td>*</td> </tr> </tbody> </table> <p>* Resistance is equivalent to a half impedance by test frequency . 相当于试验频率的一半阻抗值 .</p>	Capacitance (C) 容 量	Series resistor 串 联 阻 抗	$C \leq 1\mu\text{F}$	1000 Ω	$1\mu\text{F} < C \leq 10\mu\text{F}$	100 Ω	$10\mu\text{F} < C \leq 100\mu\text{F}$	10 Ω	$100\mu\text{F} < C \leq 1000\mu\text{F}$	1 Ω	$1000\mu\text{F} < C \leq 10000\mu\text{F}$	0.1 Ω	$10000\mu\text{F} < C$	*	<p>AC test circuit 交流试验回路</p>  <p> \sim : AC power 交流电源 S : Switch 开关 V : AC voltage meter 交流电压计 A : AC current meter 交流电流计 R : protection resistor 保护电阻 Cx : testing capacitor 供试电容器 </p>
Capacitance (C) 容 量	Series resistor 串 联 阻 抗																
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$10000\mu\text{F} < C$	*																

No.	ITEM 项目	TEST METHOD 测试方法	SPECIFICATION 规格
4.6	Pressure relief 防爆试验	<p>DC test :</p> <p>Send the following electricities while applying the inverse voltage .</p> <p>where case size (D) :</p> <p>D \leq 22.4 mm : 1 A d.c. max D > 22.4 mm : 10 A d.c. max</p> <p>Note : 1. This requirement applies to capacitors with a diameter of 8 mm or more . 2. When the pressure relief device does not open even 30 minutes after commencement of test , the test may be ended .</p>	<p>DC test circuit</p>  <p>S : Switch Ⓐ : DC current meter Cx : testing capacitor</p> <p>The pressure relief device shall open in such a way as to avoid any danger of fire or explosion of capacitor elements (terminal and metal foil etc) or cover .</p>

5. 外观Marking :

产品外套管印刷内容如下

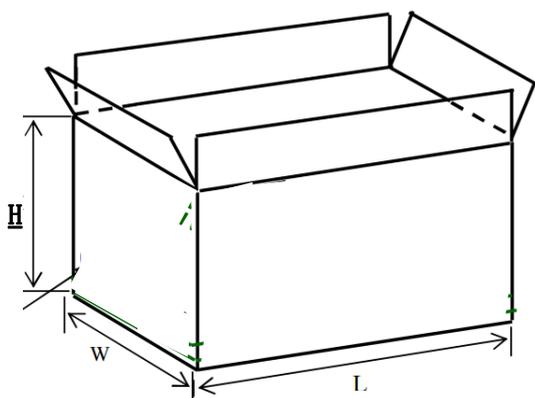
序号	项目内容说明	图示
(1)	商标	
(2)	标称静电容量	
(3)	额定工作电压	
(4)	负极线标示	
(5)	系列、温度	
(6)	周期、材质	

6.包装数量标准:

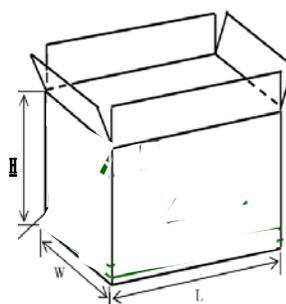
产品外形尺寸 D×L (mm)	小袋数量 (只/袋)	散装/切脚 (袋/内箱)	散装/切脚内箱 (KPCS)	散装/切脚大箱 (KPCS) (KPCS)	备注
φ3*5	2000+3	25	50	100	
φ4*5-7、φ5*5	1000+2	50	50	100	
φ6.3*5、φ5*7	1000+2	30	30	60	
φ6.3*7、φ5*11/12	1000+2	25	25	50	
φ6.3*11、φ8*5	1000+1	20	20	40	
φ6.3*12	1000+1	16	16	32	
φ8*7	1000+1	18	18	36	
φ8*9	500+1	30	15	30	
φ8*11/12	500+1	25/25	12.5/12.5	25/25	
φ8*14	500+1	20	10	20	
φ8*16-20	500+1	16	8	16	
φ10*13	500+1	15	7.5	15	
φ10*15	400	15	6	12	
φ10*17-20	200	25	5	10	
φ10*25	200	20	4	8	
φ10*30	100	30	3	6	
φ13*17-21	200	15	3	6	
φ13*25	200	12	2.4	4.8	
φ13*30	100	20	2	4	
φ16*18-22	100	20	2	4	
φ16*25	100	15	1.5	3	
φ16*30	100	12	1.2	2.4	
φ16*35	50	20	1	2	
φ18*27	100	10	1	2	
φ18*30	50	15	0.75	1.5	
φ18*36	50	15	0.75	1.5	
φ18*40	50	10	0.5	1.5	
φ18*50	25	15	0.375	0.75	
φ22*30	50	10	0.5	1	
φ22*35	50	10	0.5	1	
φ22*40	50	10	0.5	1	
φ25*25	50	10	0.5	1	
φ25*30	50	10	0.5	1	

备注: 包装外箱L480mm*W320mm*H320mm

内箱L300mm*W230mm*H300mm



外箱



内箱