



东莞市科雅电子科技有限公司

# 规格承认书

## SPECIFICATIONS FOR APPROVAL

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|              |                             |
|--------------|-----------------------------|
| 客户名称         | 立创商城                        |
| CUSTOMER     |                             |
| 规格类别         | MPP:金属化聚丙烯薄膜电容器 (CBB22 粉包型) |
| DESCRIPTION  |                             |
| 科雅料号         | KP223J2J1001                |
| CHIEFCON P/N |                             |
| 客户料号         |                             |
| CUSTOMER P/N |                             |
| 承认编号         | 2019041201                  |
| APPROVAL NO  |                             |
| 发行日期         | 2019/04/12                  |
| ISSUED DATE  |                             |

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### 客户承认栏 CUSTOMER APPROVAL

| 製作 PREPARED BY  | 審核 CHECKED BY | 核準 APPROVAL BY |
|---|---------------|----------------|
|  |               |                |

©This specification will be invalidated assuming that it is not accepted when it is not returned within sixth months from the date of issue.  
 此承认书若未在发行日期起二个月内签回, 将视为无效。



产品编码对照表 **PRODUCT CODE COMPARATIVE TABLE**

产品编码 Product coding

**KP 104 J 2G 10 01**  
**1 2 3 4 5 6**

① 产品类别 Type of capacitor

| 类别 model | MPP | MMKP | CBB21 | CBB22 | MER | CL21 | PPS | CBB81 | CBB28 | PPN | CBB13 | X2 | MPB |
|----------|-----|------|-------|-------|-----|------|-----|-------|-------|-----|-------|----|-----|
| 代码 Code  | KP  | KP   | KP    | KP    | PE  | PE   | PS  | PS    | PS    | PN  | PN    | PX | PC  |
| 型号 model |     |      |       |       |     |      |     |       |       |     |       |    |     |
| 代码 Code  |     |      |       |       |     |      |     |       |       |     |       |    |     |

② 产品容量代码 Capacitance code (EIA Code)

| 代码 Code | 容量换算 Capacitance |       |          | 代码 Code | 容量换算 Capacitance |       |        | 代码 Code | 容量换算 Capacitance |          |      |
|---------|------------------|-------|----------|---------|------------------|-------|--------|---------|------------------|----------|------|
| 101     | 100pF            | 0.1nF | 0.0001uF | 103     | 10,000pF         | 10nF  | 0.01uF | 105     | 1,000,000pF      | 1,000nF  | 1uF  |
| 102     | 1,000pF          | 1nF   | 0.001uF  | 104     | 100,000pF        | 100nF | 0.1uF  | 106     | 10,000,000pF     | 10,000nF | 10uF |

③ 产品容量误差 Tolerance (EIA Code)

| 误差 Tol. | ±1% | ±2% | ±3% | ±5% | ±10% | ±20% | -10%~0% | 0%~+10% | -5%~+10% | -10%~+5% | 0%~+20% |
|---------|-----|-----|-----|-----|------|------|---------|---------|----------|----------|---------|
| 代码 Code | F   | G   | I   | J   | K    | M    | L       | P       | U        | V        | W       |

④ 产品额定电压 Rated Voltage

| 电压 Voltage | 63 | 100 | 125 | 250 | 275 | 310 | 350 | 380 | 400 | 450 | 630 | 800 | 1000 | 1200 | 1250 | 1600 | 2000 | 3000 |
|------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 代码 Code    | 1J | 2A  | 2B  | 2E  | 2C  | 2H  | 2K  | 2L  | 2G  | 2W  | 2J  | 2D  | 3A   | 3I   | 3B   | 3C   | 3F   | 3G   |

⑤ 产品本体脚距 Lead Space

| 本体脚距 Lead Space | 5  | 7.5 | 10 | 15 | 20 | 22.5 | 24 | 25 | 26 | 27.5 | 31 |
|-----------------|----|-----|----|----|----|------|----|----|----|------|----|
| 代码 Code         | 05 | 07  | 10 | 15 | 20 | 22   | 24 | 25 | 26 | 27   | 31 |

⑥ 辅助码(内部识别码) Accessories Yards

| NO. | 说明 Descriptions  |
|-----|--|
| 1   | 每个规格第一料号时用“01” Each specification first edit with "01"   |
| 2   | 同种规格原料、外观及尺寸有差异时用“01, 02, 03. . .”进行区分<br>The same specifications appearance and size differ with non-simultaneous 01, 02, 03 to distinguish |

**Guideline of notabilia for the usage of plastic film capacitors**

塑胶薄膜电容器的使用上注意事项及指导

Plastic film capacitors use organic films for their dielectrics, thus the capacitors may fume of flame, depending on the circuit conditions they are in, when they are damaged by applying over-voltage or over-current.

塑胶薄膜电容器使用有机薄膜为介质, 当使用超过额定电压及额定电流, 可能产生火焰, 导致电容损坏, 故请使用于正确的电路。

**1. Circuit Design 电路设计**

① Please use capacitors within the range of their characteristic ratings, only after confirming their operating and mounting environments.

请确认电容器的使用范围仅止于明定之额定特性规范, 请先确认电容器使用之环境是否符合规范。

② In case of selecting a capacitor, please select the most suitable one which fits to your operating conditions.

请依照适合的作业条件选择相对应的电容器使用。

③ An applying voltage to a capacitor, including the peak of surge and ripple voltage (D.C. voltage + A.C. Peak), cannot be exceeded the rating voltage.

电容器之应用电压, 包括突波和纹波电压的峰值(直流电压 + 交流峰值)不可超过额定电压。

④ Do not apply a current over its permissible level. Also, make sure the check the surrounding temperature and inherent temperature rise of a capacitor since a permissible current can be restricted by those factors.

切勿使用超出电容器可承载之电流并检查电容器周围之温度, 因有许多因素会影响电流之变化, 进而造成电容器之温度上升。

⑤ Do not conduct a rapid charge and discharge to a capacitor which may lead to characteristics degradations or break down of the capacitor.

请不要对电容器进行快速的充电和放电, 此可能会导致电容器之特性退化或损坏。

**2. Mounting 安装**

① Do not apply any exceeding tension or torsion to lead wires of a capacitor, during the mounting process.

请不要使用任何超过电容导线可承受之张力进行插件。

② Please mount a capacitor where it dose not contact any other heating parts, high voltage parts and other parts.

请确认电容器使用环境, 避免接触任何其他升温热物件, 高压和其他部分料件。

③ Please conduct soldering process by strictly following the specified conditions.

进行焊接过程实, 请严格遵循指定之焊接条件。

**3. Storing and handling 储存和处理**

① A storage needs to be kept indoors at -10~+30°C and relative humidity of under 75% without any sudden temperature changes, direct sunlight and corrosive gas around.

需保存于-10 ~ 30°C, 相对湿度低于75%并确保没有任何突然的温度变化, 避免直接阳光之曝晒及接触腐蚀性气体之环境。

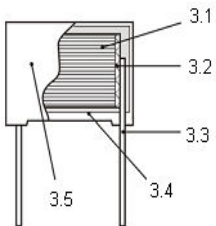
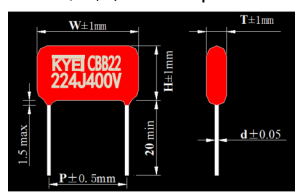
② Do not apply and exceeding vibration, shock (dropping) and pressure.

不应过度震动、碰撞及外力的冲击。

③ According to normal conditions, the storage time exceeds 3 months, and all capacitor characteristics must be checked before production and use.

按正常条件储存时间超出3个月时间, 生产使用前需全部检查电容器特。

产品规格说明  
**PRODUCT SPECIFICATIONS**

| NO.   | 项目 ITEM   | 说明 DESCRIPTIONS  |
|---|---|--|
| 1   | 承认范围<br>SCOPE   | 本规格适用于科雅之要求<br>This specifications cover the requirements of KYET<br>金属化聚丙烯薄膜电容器<br>Metallized Polypropylene Film capacitor<br>MPP/MPR/CBB21/CBB22 |
| 2   | 各测量皆于标准大气下进行 <b>STANDARD ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS</b> |  |
| 2.1   | 环境温度 AMBIENT TEMPERATURE  | 15°C 至 35°C (如对结果有任何疑问, 该测量环境温度应为+20 ± 5°C之间)<br>15°C to 35°C (If there is any doubt on the results, the measurements shall be made at +20 ± 5°C)  |
| 2.2   | 相对湿度 RELATIVE HUMIDITY(R.H.)  | 45%至 75% (如对结果有任何疑问, 该测量相对湿度应为 60% to 70%之间)<br>45%to 75% (If there is any doubt on the results, the measurements shall be made at 60% to 70%)     |
| 2.3   | 大气压力 AIR PRESSURE   | 86 千帕至 106 千帕之<br>86 kpa to 106 kpa  |
| 2.4   | 工作温度范围<br>OPERATING TEMPERATURE RANGE                                       | 于-40°C至+100°C间, 电容可在额定电压下持续运作<br>-40°C to +100°C for which the capacitor can be operated continuously at rated voltage.                            |
| 3   | <b>结构 CONSTRUCTION</b>  |  |
| 3.1   | 电介质 DIELECTRIC  | 金属化聚丙烯薄膜 Metallized Polypropylene Film   |
| 3.2   | 喷金层 METAL SPRAY   | 特殊焊料 Special Solder  |
| 3.3   | 导线 LEAD WIRE  | 镀锡铜包钢线 Copper-clad Steel Wire  |
| 3.4   | 环氧树脂 EPOXY RESIN  | UL V-0 耐燃等级  |
| 3.5   | 塑料外壳 PLASTIC CASE   | UL V-0 耐燃等级  |
|                    |   |  |
| 4   | <b>打印 MARKING</b>   |  |
| 4.1   | 制造商标志 MANUFACTURER'S SYMBOL   | <b>KYET</b> 表示为“科雅电子科技有限公司 KYET ELECTRONICS CO., LTD”  |
| 4.2   | 型号或材质 TYPE OR MATERIAL  | “MPP”代表“金属化聚丙烯”材质<br>“MPP” stands for “Metallized Polypropylene Film”  |
| 4.3   | 电容类别 CAPACITOR CLASS  | “CBB22” 代表“CBB”类别<br>“CBB22stands for “CBB” class  |
| 4.4   | 静电容量 NOMINAL CAPACITANCE  | 容量用 EIA 三码表示<br>Capacitance Expressed in 3-digit (EIA) code.   |
| 4.5   | 容量容许差值 TOLERANCE  | J (±5%), K (±10%), M (±20%)  |
| 4.6   | 额定电压 RATED VOLTAGE  | 100, 250,400,450,630 VDC   |
| 4.7   | 工作温度范围 Operating Temperature Range  | -40°C ~ 100°C  |
| 4.8   | 散逸因素 (损耗角正切)  | Max 0.1%(at 1KHZ, 25°C)  |
| 4.9   | 绝缘电阻 Insulation Resistance  | CR ≤ 0.33 μF IR ≥ 10000 MΩ UR ≤ 100V CR > 0.33 μF IR ≥ 5000 MΩ / μF UR ≤ 100V  |
| <p>范例 example</p>  |   |  |

**PRODUCT SPECIFICATIONS**

| 5 电气特性 ELECTRICAL CHARACTERISTICS |                                      |   |   |  |
|-----------------------------------|--------------------------------------|---|---|--|
| NO.                               | 项目 ITEM                              |   | 说明 DESCRIPTIONS   |  |
| 5.1                               | 耐压 (TV)<br>Withstand Voltage         | 引线之间<br>Between Terminals                 | 应无异常<br>Shall be no abnormality   | 施加 1.6 倍额定直流电压测试 60 秒(电压应以不超过 150V/s 的速率从零升高到试验电压, 时间应从达到电压时计算, 在结束时, 电压应减少到接近零, 并且电容器应通过一个适当的电阻放电)<br>Apply 1.5*Ur (DC) for 60 sec (Should be no more than 150V/s rate increased from zero to the test voltage, testing time, meets the test voltage should be calculated at the end of the trial, the voltage should be reduced to zero and the capacitor through a resistor of appropriate discharge. |
|                                   |                                      | 引线与外包封之间<br>Between Terminals & Enclosure | 应无异常<br>Shall be no abnormality   | 2 倍额定电压+500V, 测试 2 到 5 秒<br>最小值 1,000VDC<br>Apply 2*Ur+500V for 2 to 5 sec.<br>Min. 1,000VDC   |
| 5.2                               | 介质损耗 (DF)<br>Dissipation Factor      |   | 于 1KHz 时 ≤ 0.001(0.1%)<br>≤ 0.001(0.1%) at 1 KHz  | 测量频率: ±2%; 测量电压: ≤1 rms<br>Measuring Frequency: ±2%<br>Measuring Voltage: ≤1 Vrms..  |
| 5.3                               | 容量 (CAP)<br>Capacitance              |   | 环境温度(于+20 ± 5°C)。<br>Within the tolerance specified (at +20 ± 5°C).   | 测量频率: ±2%; 测量电压: ≤1 rms<br>Measuring Frequency: ±2%<br>Measuring Voltage: ≤1 Vrms..  |
| 5.4                               | 绝缘电阻 (I.R.)<br>Insulation Resistance |   | ≥10,000 Mohm (C≤0.33uf)<br>容值≤0.33uf 时, 绝缘电阻<br>≥10,000M Ω<br>≥5,000 Mohm*uF/C (C>0.33uf)<br>容值>0.33uf 时, 绝缘电阻<br>≥5,000M Ω *uF / C | 测试电压 100 伏<br>充电时间 60±5 秒。<br>Vt=100 VDC<br>Charge Time : 60±5 sec.  |
| 5.5                               | 焊料附着性<br>Soldering Property          |   | 焊料覆盖面积应超过导线表面<br>圆周 90%。<br>More than 90% of circumferential surface of lead wire shall be covered with new solder.                 | 焊接温度为: +260 ± 5°C<br>浸焊时间为: 2 ± 0.5 秒<br>Soldering temperature: +260 ± 5°C<br>Immersion duration: 2 ± 0.5 sec.   |
| 6 机械特性 MECHANICAL CHARACTERISTICS |                                      |   |   |  |
| 6.1                               | 引线强度<br>Terminal Strength            | 引线强度<br>Tensile Strength                  | 应无异常。<br>Shall be no abnormality  | 沿着引出方向, 施加 1 公斤力量, 保持 10±1 秒。<br>Apply 1.0Kg for 10 ± 1 sec. to the terminal in the axial direction and acting in a direction away from the body.  |

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| 7   |                              | 耐久特性 ENDURANCE CHARACTERISTICS          |  |  |
|-----|------------------------------|---|--|--|
| NO. | 项目 ITEM                      | 说明 DESCRIPTIONS                         |  |  |
| 7.1 | 温度变化循环<br>Temperature Cycle  | 外观<br>Appearance                        | 应当无显著变化<br>Shall be no remarkable change                 | 共 5 次温度循环测试, 循环条件:<br>1. +20 ± 2°C 持续 3 分钟<br>2. -40 ± 3°C 持续 10 分钟<br>3. +20 ± 2°C 持续 3 分钟<br>4. +100 ± 2°C 持续 10 分钟<br>5. +20 ± 2°C 持续 3 分钟<br>试验后放置于室内 1.5 ± 0.5 小时后再进行量测。<br>Test Temperature Cycle: Total 5 cycles.<br>Each cycle includes<br>1. 20 ± 2°C for 3 min.<br>2. -40 ± 3°C for 10 min.<br>3. +20 ± 2°C for 3 min.<br>4. +100 ± 2°C for 10min.<br>5. +20 ± 2°C for 3 min.<br>After test, allow it stay alone for 1.5 ± 0.5 Hrs.<br>at ordinary condition before making measurements. |
|     |                              | 耐压<br>Withstand Voltage                 | 应满足 NO.5.1<br>shall satisfy NO.5.1                       |  |
|     |                              | 容值变化率 (ΔC/C)<br>Capacitance Change Rate | 变化率小于 ±5%<br>Within ±5% of the value before test         |  |
|     |                              | 介质损耗<br>Dissipation Factor              | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max. |  |
|     |                              | 绝缘电阻 (I.R.)<br>Insulation Resistance    | ≥50%的限制值在 NO.5.4<br>≥50% of the limit value of NO.5.4    |  |
| 7.2 | 耐干热试验<br>Dry Heat Resistance | 外观<br>Appearance                        | 应当无显著变化<br>Shall be no remarkable change                 | 试验温度: +100 ± 2°C<br>测试时间: 16 ± 1 小时<br>Test Temperature: +100 ± 2°C<br>Test Duration: 16 + 1/-0 hrs.   |
|     |                              | 耐压<br>Withstand Voltage                 | 应满足 NO.5.1<br>Shall satisfy NO.5.1                       |  |
|     |                              | 容值变化率 (ΔC/C)<br>Capacitance Change Rate | 变化率小于 ±5%<br>Within ±5% of the value before test         |  |
|     |                              | 介质损耗<br>Dissipation Factor              | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max. |  |
|     |                              | 绝缘电阻 (I.R.)<br>Insulation Resistance    | ≥50%的限制值在 NO.5.4<br>≥50% of the limit value of NO.5.4    |  |
| 7.3 | 耐干寒试验<br>Cold Resistance     | 外观<br>Appearance                        | 应当无显著变化<br>Shall be no remarkable change                 | 试验温度: -40 ± 3°C<br>测试时间: 2 ± 1 小时<br>Test Temperature: -40 ± 3°C<br>Test Duration: 2 ± 1 hrs.  |
|     |                              | 耐压<br>Withstand Voltage                 | 应满足 NO.5.1<br>Shall satisfy NO.5.1                       |  |
|     |                              | 容值变化率 (ΔC/C)<br>Capacitance Change Rate | 变化率小于 ±5%<br>Within ±5% of the value before test         |  |
|     |                              | 介质损耗<br>Dissipation Factor              | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max. |  |
|     |                              | 绝缘电阻 (I.R.)<br>Insulation Resistance    | ≥50%的限制值在 NO.5.4<br>≥50% of the limit value of NO.5.4    |  |

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| NO. | 项目 ITEM                                 | 说明 DESCRIPTIONS                                    |  |   |
|-----|---|--|--|---|
| 7.4 | 耐湿绝缘<br>Damp Heat                       | 外观<br>Appearance                                   | 应当无显著变化<br>Shall be no remarkable change   | 试验温度: +40 ± 2°C<br>试验湿度: 90%至 95%相对湿度<br>试验时间: 2 ± 1 小时<br>试验后放置于室内 1.5 ± 0.5 小时后再进行量测。<br>Test Temperature: +40 ± 2°C.<br>Test Humidity: 90% to 95% R.H.<br>Test Duration: 2 ± 1 hrs..<br>After test, allow it stay alone for 1.5 ± 0.5 Hrs. at ordinary condition before making measurements.   |
|     |   | 耐压<br>Withstand Voltage                            | 应满足 NO.5.1<br>Shall satisfy NO.5.1   |   |
|     |   | 容值变化率 (ΔC/C)<br>Capacitance Change Rate            | 变化率小于±5%<br>Within ±5% of the value before test  |   |
|     |   | 介质损耗<br>Dissipation Factor                         | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max.   |   |
|     |   | 绝缘电阻 (I.R.)<br>Insulation Resistance               | ≥50%的限制值在 NO.5.4<br>≥50% of the limit value of NO.5.4  |   |
| 7.5 | 振动试验<br>Vibration<br>Resistance         | 外观<br>Appearance                                   | 应无机械性损伤<br>Shall be no mechanical damage.  | 频率变化: 10-55-10Hz<br>振动距离: 1.5 毫米.<br>试验方向: X,Y,Z<br>试验时间:每个方向 2± 1 小时<br>Frequency Change : 10-55-10 Hz<br>Vibration Distance:1.5 mm.<br>Test Direction : X,Y,Z<br>Test Duration : 2± 1hrs each direction   |
|     |   | 连接强度<br>Connection strength                        | 不得为短路或开路连接。<br>连接点应稳定。<br>Shall be no short-circuiting or open.<br>The connection shall be stable. |   |
| 7.6 | 焊接耐热<br>Soldering<br>Heat<br>Resistance | 外观<br>Appearance                                   | 应当无显著变化<br>印字标志应清晰<br>Shall be no remarkable change.<br>The marking shall be legible.              | 预热温度: 85 ~100°C<br>预热时间:最大为 60 秒<br>温度升高:最大为 3°C/秒<br>锡炉温度: +260 ± 5°C<br>浸焊时间: 2 ± 1 秒<br>浸焊深度:导线根部 4 ± 0.8 毫米<br>试验后放置于室内 1.5 ± 0.5 小时后再进行量测。<br>Preheat Temp. : 85~100°C<br>Preheat Duration : 60 sec. max.<br>Temperature Increase by 3°C/sec. max.<br>Soldering Temperature : +260 ± 5°C<br>Immersion Duration : 2 ± 1sec.<br>Immersion Depth : 4 ± 0.8mm from roots. After test, allow it stay alone for 1.5 ± 0.5 Hrs. at ordinary condition before making measurements. |
|     |   | 端子间的耐电压值<br>Withstand Voltage<br>Between Terminals | 应满足 NO.5.1<br>Shall satisfy NO.5.1   |   |
|     |   | 容值变化率 (ΔC/C)<br>Capacitance Change Rate            | 变化率小于 ±5%<br>Within ±3% of the value before test   |   |
|     |   | 介质损耗<br>Dissipation Factor                         | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max.   |   |
|     |   | 绝缘电阻 (I.R.)<br>Insulation Resistance               | ≥50%的限制值在 NO.5.4<br>≥50% of the limit value of NO.5.4  |   |
|     |   | 连接元件<br>Connection of Element                      | 应稳定<br>Shall be stable   |   |

产品规格说明  
PRODUCT SPECIFICATIONS

| NO. | 项目 ITEM                                  | 性能 PERFORMANCE  | 测试条件 TEST CONDITIONS  |
|-----|--|---|---|
| 7.7 | 耐久寿命<br>Endurance                        | 外观<br>Appearance  | 应当无显著变化<br>Shall be no remarkable change  |
|     |  | 耐压<br>Withstand Voltage   | 应满足 NO.5.1<br>Shall satisfy NO.5.1  |
|     |  | 容值变化率 ( $\Delta C/C$ )<br>Capacitance Change Rate   | 变化率小于 $\pm 10\%$<br>Within $\pm 10\%$ of the value before test                                    |
|     |  | 介质损耗<br>Dissipation Factor  | 于 1KHz 时: 最大值为@ 1KHz<br>Cr $\leq 1\mu F$ : 0.008 (0.8%) max.<br>Cr $> 1\mu F$ : 0.005 (0.5%) max. |
|     |  | 绝缘电阻 (I.R.)<br>Insulation Resistance  | $\geq 50\%$ 的限制值在 NO.5.4<br>$\geq 50\%$ of the limit value of NO.5.4                              |
| 7.8 | 耐湿负荷<br>Moisture<br>Resistant<br>Loading | 外观<br>Appearance  | 应当无显著变化<br>Shall be no remarkable change  |
|     |  | 耐压<br>Withstand Voltage   | 应满足 NO.5.1<br>Shall satisfy NO.5.1  |
|     |  | 容值变化率 ( $\Delta C/C$ )<br>Capacitance Change Rate   | 变化率小于 $\pm 5\%$<br>Within $\pm 5\%$ of the value before test                                      |
|     |  | 介质损耗<br>Dissipation Factor  | 于 1KHz 时: 最大值为 0.002 (0.2%)<br>@ 1KHz: 0.002 (0.2%) max.  |
|     |  | 绝缘电阻 (I.R.)<br>Insulation Resistance  | $\geq 50\%$ 的限制值在 NO.5.4<br>$\geq 50\%$ of the limit value of NO.5.4                              |
|     |  | 试验温度: $+85 \pm 2^\circ C$<br>测试电压: 额定电压<br>试验时间: 16 小时<br>每小时将电压升至额定电压, 持续 0.1 秒<br>每个电容分别通过一个 $47\Omega \pm 5\%$ 电阻。<br>Test Temperature: $+85 \pm 2^\circ C$<br>Test Voltage: 100% * rated voltage.<br>Test Duration: 16 Hrs.<br>Once every hour the voltage For 0.1 sec. The test voltage is applied to each capacitor individually through a resistor of $47\Omega \pm 5\%$ . |   |
|     |  | 试验温度: $+40 \pm 2^\circ C$ .<br>试验湿度: 87%至 93%相对湿度<br>测试电压: 额定电压<br>试验时间: 16 小时<br>试验后放置于室内 $1.5 \pm 0.5$ 小时后再进行量测。<br>Test Temperature: $+40 \pm 2^\circ C$ .<br>Test Humidity: 87% to 93% R.H.<br>Test Voltage: rated voltage.<br>Test Duration: 16 Hrs.<br>After test, allow it stay alone for $1.5 \pm 0.5$ Hrs. at ordinary condition before making measurements.             |   |