



## 产品介绍

**JCCON** series

- 规范specification

| 项目project                                                         | 特性features                                                                                                                                             |      |      |      |             |      |                                         |         |             |      |         |         |  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------------|------|-----------------------------------------|---------|-------------|------|---------|---------|--|
| 静电容量误差<br>Electrostatic capacity error                            | ±20% (120Hz, 20℃)                                                                                                                                      |      |      |      |             |      |                                         |         |             |      |         |         |  |
| 使用温度范围<br>Use temperature range                                   | -40℃ ~+105℃                                                                                                                                            |      |      |      | -40℃ ~+105℃ |      |                                         |         | -25℃ ~+105℃ |      |         |         |  |
| 工作电压范围<br>Working Voltage Range                                   | 6.3~100V                                                                                                                                               |      |      |      | 160~250V    |      |                                         |         | 350~500V    |      |         |         |  |
| 泄漏电流<br>Leakage current                                           | WV≤ 100V I ≤0.01CVor3 uA (After 2 minutes application of DC woking ,at 20℃<br>WV>100V I ≤0.03V+20(uA) (After minutes application of DC woking ,at 20℃) |      |      |      |             |      |                                         |         |             |      |         |         |  |
| 散逸因还素(损失角正切)<br>Dissipation due to the element                    | Measurement Frequency: 120Hz temperature:20℃                                                                                                           |      |      |      |             |      |                                         |         |             |      |         |         |  |
|                                                                   | Rate Voltage(V)                                                                                                                                        | 6.3  | 10   | 16   | 25          | 35   | 50                                      | 63      | 80          | 100  | 160~250 | 350~500 |  |
|                                                                   | tan δ (MAX)                                                                                                                                            | 0.24 | 0.20 | 0.16 | 0.15        | 0.12 | 0.10                                    | 0.09    | 0.08        | 0.08 | 0.20    | 0.25    |  |
| 低温特性<br>Low temperature<br>阻抗比率(最大值)<br>Impedance ratio (maximum) | Measurement Frequency :120Hz                                                                                                                           |      |      |      |             |      |                                         |         |             |      |         |         |  |
|                                                                   | Rate Voltage(V)                                                                                                                                        | 6.3  | 10   | 16   | 25          | 35   | 50~100                                  | 160~250 | 350~400     | 450  |         |         |  |
|                                                                   | Z(-25℃)/Z(20℃)                                                                                                                                         | 5    | 4    | 3    | 2           | 2    | 2                                       | 3       | 6           | 15   |         |         |  |
|                                                                   | Z(-40℃)/Z(20℃)                                                                                                                                         | 10   | 8    | 6    | 4           | 3    | 3                                       | 4       | -           | -    |         |         |  |
| 负荷寿命<br>Load life                                                 | 2000 hours,with application of working voltage at 105℃                                                                                                 |      |      |      |             |      |                                         |         |             |      |         |         |  |
|                                                                   | Capacitance, Change                                                                                                                                    |      |      |      |             |      | Within±25% of Initial Value             |         |             |      |         |         |  |
|                                                                   | tan δ                                                                                                                                                  |      |      |      |             |      | 200% or less of Initial Specified Value |         |             |      |         |         |  |
|                                                                   | leakage Current                                                                                                                                        |      |      |      |             |      | Initial Specified Value or less         |         |             |      |         |         |  |
| 放置试验<br>Placement test                                            | 1000 hours no voltage aplied at 105℃<br>After Test : Ur to be applied for 30 minutes 24 to 48 hours before measurement                                 |      |      |      |             |      |                                         |         |             |      |         |         |  |
|                                                                   | Capacitance, Change                                                                                                                                    |      |      |      |             |      | Within±20% of Initial Value             |         |             |      |         |         |  |
|                                                                   | tan δ                                                                                                                                                  |      |      |      |             |      | 200% or less of Initial Specified Value |         |             |      |         |         |  |
|                                                                   | leakage Current                                                                                                                                        |      |      |      |             |      | Initial Specified Value or less         |         |             |      |         |         |  |
| 参照标准 standard                                                     | JIS C5101-4-1 and JIS C5101-2                                                                                                                          |      |      |      |             |      |                                         |         |             |      |         |         |  |

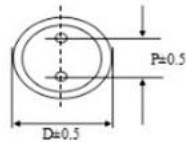
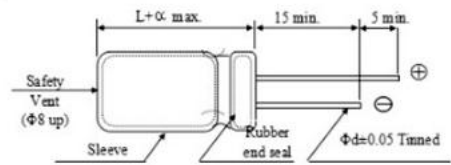
●允许波纹电流 Allow the ripple current

温度系数 The temperature coefficient of

| 温度TEMP℃                   | 60              | 70               | 85   | 105  |      |
|---------------------------|-----------------|------------------|------|------|------|
| 校正指数Correction index      | 1.85            | 1.65             | 1.4  | 1.00 |      |
| 频率系数Frequency coefficient |                 |                  |      |      |      |
| WV(V)                     | 容量              | 频率 (Hz)Frequency |      |      |      |
|                           | Capacitance(uF) | 50               | 120  | 1K   | 10K  |
| ≤100                      | <100            | 0.75             | 1.00 | 1.57 | 2.00 |
| ≤160                      | 100~470         | 0.80             | 1.00 | 1.34 | 1.50 |
|                           | >470            | 0.85             | 1.00 | 1.10 | 1.15 |
|                           | 0.47~470        | 0.85             | 1.00 | 1.40 | 1.50 |

JCCON series

●尺寸size

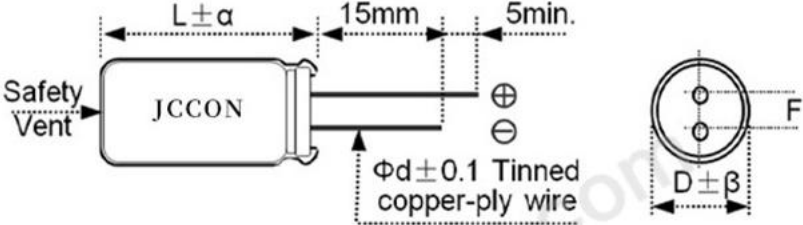


| ΦD | 5   | 6.3 | 8   | 10  | 13  | 16  | 18  | 22  | 25   |
|----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| P  | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 5.0 | 7.5 | 10  | 12.5 |
| Φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 | 1.0  |

| α | (L<16)1.0 |
|---|-----------|
|   | (L≥16)2.0 |

◎ 技术参数

产品参数

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 产品名称(Product name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 引线电容器(Lead capacitor)                           |
| 品牌(brand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | JCCON                                           |
| 型号(Model)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 35v3300uf                                       |
| 直径(diameter)D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16mm                                            |
| 高度(height)L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25mm                                            |
| 脚距(Foot distance)F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7.5mm                                           |
| 特性(Characteristic)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 105℃ 高频低阻<br>105℃ High frequency low resistance |
| 重量大约(About weight)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7.68g/pcs                                       |
| <div>Dimensions(mm)尺寸</div> <div><p>The technical drawing illustrates the dimensions of the JCCON capacitor. The side view shows a cylindrical body with a 'Safety Vent' on the left. The length is labeled as <math>L \pm \alpha</math>. The distance from the vent to the start of the leads is 15mm. The leads are made of tinned copper-ply wire with a diameter of <math>\Phi d \pm 0.1</math>. The distance between the lead attachment points is 5mm. The top view shows a circular body with a diameter of <math>D \pm \beta</math> and a foot distance of <math>F</math> between the two leads.</p></div> |                                                 |
| 图形单位(mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |

## 应用案例

THE APPLICATION CASE

### 广泛适用范围

源头厂家、质量保证、快捷高效、优质服务

ELECTROLYTIC CAPACITOR IS A CAPACITOR, METAL FOIL AS THE ANODE (ALUMINUM OR TANTALUM), AND THE POSITIVE CLOSE TO METAL OXIDE FILM (ALUMINUM OXIDE OR TANTALUM PENTOXIDE) IS THE DIELECTRIC



医疗设备



家用电器



PC电源



变频器



电焊机



LED驱动电源



充电桩



开关电源