

# CA33A型高压非固体电解质钽电容器

CA33A Series High Voltage Wet Electrolyte Tantalum Capacitor



## 产品简介:

本产品为单向引出，高压非固体电解质钽电容器，性能

稳定可靠，适用于直流或脉动电路，符合企业标准：

Q/NSL012-92。

## 主要技术性能:

- 使用温度范围：  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 电容量允许偏差：  $\pm 10\% \pm 20\%$
- 室温漏电流：  $I_0 \leq 0.006 C_R U_R (\mu\text{A})$
- 室温损耗角正切 ( $\text{tg} \delta \%$ )：1-3号壳  $\text{tg} \delta_0 \leq 10\%$   
4-8号壳  $\text{tg} \delta_0 \leq 15\%$
- 外形尺寸、额定电压、最大重量、标称电容量：见表1

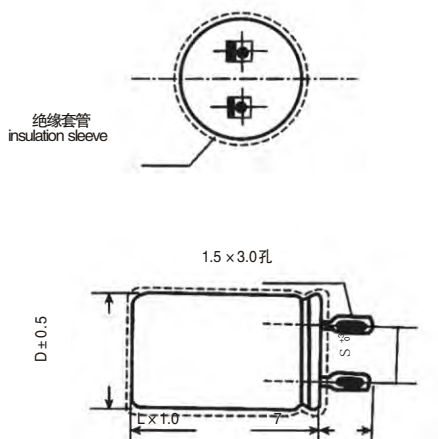


图1 Figure1



## Brief Introduction :

CA<sub>33A</sub> Series high voltage wet tantalum electrolyte capacitor with radial leads are characterized in stable and excellent electrical performances ,high reliability ,suitable for DC or pulse circuits. CA<sub>33A</sub> Series meets the requirements of Q/NSL012-1992 Specification prepared by Ningxia Xingri Electronics Co.,LTD.(NXRE)

## Features:

- Operating Temperature Range :  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Capacitance Tolerance :  $\pm 10\%, \pm 20\%$
- DC Leakage :  $I_0 \leq 0.006 C_R U_R (\mu\text{A})$
- Dissipation Factor  $\text{tg} \delta (\%)$  at  $20^{\circ}\text{C}$  : For Case No.1-3,  $\text{tg} \delta_0 \leq 10\%$ ; For Case No.4-8,  $\text{tg} \delta_0 \leq 15\%$
- Dimensions , Max.Weight, Rated Voltage and Nominal capacitance : please see Figure 1 and Table 1.

外形尺寸 额定电压 最大重量 标称电容量对应表  
Dimensions,Max.Weight and Nominal capacitance

表1 talbe1

| 壳号<br>Case Size | 额定电压 ( $U_R$ )<br>Rated Voltage(V) |    |     |     | 150                                      | 250 | 300 | 400 | 450 | 600 |
|-----------------|------------------------------------|----|-----|-----|------------------------------------------|-----|-----|-----|-----|-----|
|                 | 外形尺寸<br>Dimensions(mm)             |    |     |     | 最大重量<br>Max. Weight(g)                   |     |     |     |     |     |
|                 | D                                  | L  | d   | s   | 标称电容量 $C_R$ Capacitance( $\mu\text{F}$ ) |     |     |     |     |     |
| 1               | 16                                 | 31 | 5.8 | 0.8 | 22                                       | 5   |     |     |     |     |
| 2               |                                    | 43 |     |     | 28                                       | 3   |     |     |     |     |
| 3               |                                    | 65 |     |     | 40                                       |     |     | 2   |     |     |
| 4               | 26                                 | 36 | 9   | 0.8 | 80                                       | 50  |     |     |     |     |
| 5               |                                    | 48 |     |     | 108                                      |     | 35  |     |     |     |
| 6               |                                    | 62 |     |     | 135                                      |     |     | 25  |     |     |
| 7               |                                    | 75 |     |     | 162                                      |     |     |     | 20  |     |
| 8               |                                    | 89 |     |     | 189                                      |     |     |     |     | 15  |

注：电容量及损耗角正切的测量频率为100Hz

Note:Capacitance and dissipation factor are measured at the frequency of 100Hz.

注：以上所提供的性能参数仅供参考作用，任何修改不作预先通知。如果在使用上有疑问，请在采购前与我们联系，以便提供技术上的协助。

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