

# 主要产品种类

## Main Products Categories

G72 型金属化薄膜电容器/DC-Link/二次滤波 Metalized film capacitor type  
G72/ DC-Link/ Secondary filtering application

### 特点 Characteristics

- |                 |                                                 |
|-----------------|-------------------------------------------------|
| 1.分割/非分割金属化聚丙烯膜 | segment/no segment metalized polypropylene film |
| 2.低电感           | low self-inductance                             |
| 3.损耗非常小         | lower loss factor                               |
| 4.低 ESR         | low ESR                                         |
| 5.能承受大电流        | high peak current capability                    |
| 6.耐高浪涌电流能力      | high surge current capability                   |
| 7.自愈性           | self healing                                    |
| 8.长寿命           | long life expectancy                            |
| 9.易于安装          | install conveniently                            |
| 10.圆芯子          | cylindrical wind                                |

### 性能指标 Specification

|           |                                         |                                            |
|-----------|-----------------------------------------|--------------------------------------------|
| 额定电压      | Rated voltage                           | 500~6000VDC                                |
| 额定电容量     | Capacitance                             | 100μF~20000μF                              |
| 容量偏差      | Capacitance tolerance                   | ±2.5%，±5%，±10%                             |
| 介质损耗角正切   | Media loss factor                       | $2 \times 10^{-4}$                         |
| 损耗角正切     | Loss factor                             | $\leq 20 \times 10^{-4}$ (1V,100Hz)        |
| 端子间耐电压    | Test voltage between terminals          | 1.5U <sub>n</sub> , 10/60s                 |
| 端子与外壳间耐电压 | Test voltage between terminals and case | (2U <sub>n</sub> +1000)VAC, 60s            |
| 运行温度（外壳）  | Operating temperature(case)             | -40℃~+70℃                                  |
| 热点温度      | Hot spot temperature(θ <sub>HS</sub> )  | -40℃~+85℃                                  |
| 预期寿命（小时）  | Life expectancy(hours)                  | >100000                                    |
| 气候类别      | Climate category                        | 40/85/56                                   |
| 封装        | Coating                                 | 不锈钢/铝 Stainless steel/Aluminum             |
| 填充材料      | Filling material                        | 聚氨酯/树脂 Polyurethane/resin                  |
| 引用标准      | Reference standard                      | IEC61881、IEC61071、GB/T 25121<br>GB/T 17702 |

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Please contact us if customers require special sizes.