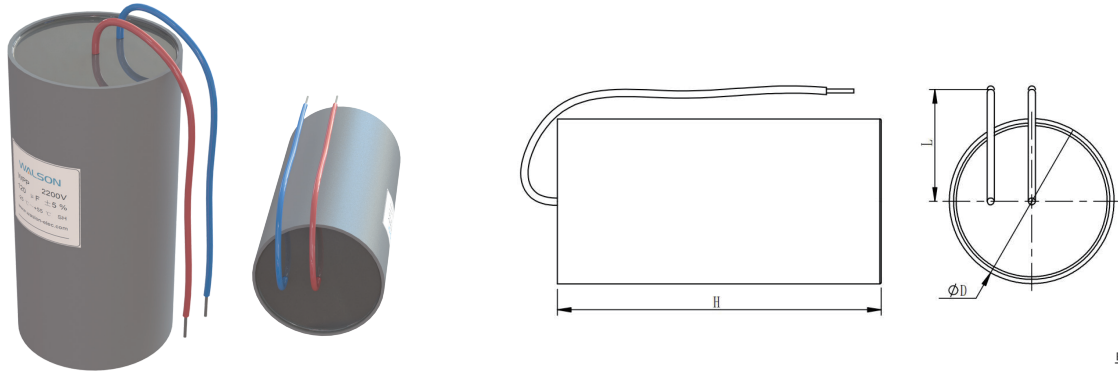


WPP 金属化聚丙烯膜脉冲电容器

Metallized Polypropylene Film Pulse Capacitor

外形图 Outline Drawing



单位 Unit: mm

特点 Features

- 圆柱形塑料外壳和环氧树脂干式封装，绝缘导线引出
- 高能量密度，高工作电流，充放电寿命长，稳定可靠
- Dry encapsulated with cylindrical plastic case and epoxy resin, insulated wires leading out
- High energy density, high operating current, long charge-discharge lifetime, stable and reliable

主要用途 Typical Applications

- 主要用于除颤器、激光器、电子闪光灯、X光机和其他储能脉冲应用
- Mainly used in defibrillator, laser, electronic flash, X-ray machines and other energy storage pulse applications

技术要求 Specifications

| | |
|---|---|
| 引用标准 Reference Standards | JB/T 8168 |
| 额定电压 Rated Voltage | 1200V~6000V |
| 标称电容量 Normal capacitance | 5 μ F ~ 500 μ F |
| 容量偏差 Capacitance Tolerance | $\pm 5\%$ (J), $\pm 10\%$ (K) |
| 介质损耗角正切 Dielectric dissipation factor | 2×10^{-4} |
| 运行温度范围 Operating temperature range | -25 $^{\circ}$ C ~ 55 $^{\circ}$ C |
| 贮存温度范围 Storage temperature range | -40 $^{\circ}$ C ~ 85 $^{\circ}$ C |
| 非周期冲击电压 Non-recurrent surge voltages | 1.1U _N (50 ms, 1000 times) |
| 绝缘电阻 Insulation resistance | $\geq 10000s$ (500 V, 1 min, 20 $^{\circ}$ C) |
| 极间耐电压 Voltage Test Between Terminals | 1.1U _N 10S |
| 极壳耐电压 Test voltage between terminals and case | 1.5U _N 60S |
| 预期寿命 Expected lifetime | 10000 times (或按需设计 or designed on request) |
| 失效率 Failure rate | 100 fit |

■ 规格参数 Specification Parameter

| U _N (V) | C _N (μF) | J _N (J) | \hat{I} (A) | \hat{I}_s (A) | D±2 (mm) | H±2 (mm) | G (kg) |
|-----------------------|------------------------|-----------------------|------------------|--------------------|-------------|-------------|-----------|
| 1800 | 115 | 186 | 135 | 270 | 50 | 118 | 0.33 |
| | 134 | 217 | 210 | 420 | 60 | 93 | 0.37 |
| | 182 | 295 | 215 | 430 | 60 | 118 | 0.44 |
| 2000 | 93 | 186 | 120 | 240 | 50 | 118 | 0.33 |
| | 107 | 214 | 190 | 380 | 60 | 93 | 0.37 |
| | 147 | 294 | 195 | 390 | 60 | 118 | 0.44 |
| 2200 | 76 | 184 | 105 | 210 | 50 | 118 | 0.33 |
| | 88 | 213 | 170 | 340 | 60 | 93 | 0.37 |
| | 120 | 290 | 175 | 350 | 60 | 118 | 0.44 |
| | 195 | 472 | 100 | 200 | 65 | 118 | 0.44 |
| 2400 | 64 | 184 | 100 | 200 | 50 | 118 | 0.33 |
| | 74 | 213 | 155 | 310 | 60 | 93 | 0.37 |
| | 100 | 288 | 155 | 310 | 60 | 118 | 0.44 |
| 2600 | 54 | 183 | 90 | 180 | 50 | 118 | 0.33 |
| | 62 | 210 | 140 | 280 | 60 | 93 | 0.37 |
| | 85 | 287 | 145 | 290 | 60 | 118 | 0.44 |

备注 Notes:

1: \hat{I} 、 \hat{I}_s 和 U_s 均为室温下的技术参数。

2: 实际放电电流波形与放电回路的电感和电阻值有关。

3: 其他规格尺寸等可按用户要求定制。

1: \hat{I} 、 \hat{I}_s and U_s are all technical parameters at room temperature.

2: The actual discharge current waveform is related to the inductance and resistance values of the discharge circuit.

3: Other specifications and sizes can be customized according to user requirements.