Dersonic®
德信立業 創新開拓

# 承认书

## APPROVAL SHEET

| | |
|---|---|
| 客户 CUSTOMER | 立創商城 |
| 客户料号 CUSTOMER P/N | |
| 规格描述 DESCRIPTION | 1200V/224/J/卧式//L40/白色/32*17*11/ZNR |
| 产品编码 PART NUMBER | CA3B224J0DR23271100 |
| 日期 DATE | 2026-06-01 |

| 德尔创承认栏 APPROVED BY DERSONIC | | | 客户承认栏 APPROVED BY CUSTOMER | |
|---|---|---|---|---|
| 批　准 APPROVED BY | 审核 CHECK BY | 制订 FORMULATE BY | 批　准 APPROVED BY | 审核 CHECK BY |
| 彭少雄 | 吴成愛 | 胡明康 | | |

东莞市德尔创电子有限公司 样品承认章


**东莞市德尔创电子有限公司**
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## 1、应用场合

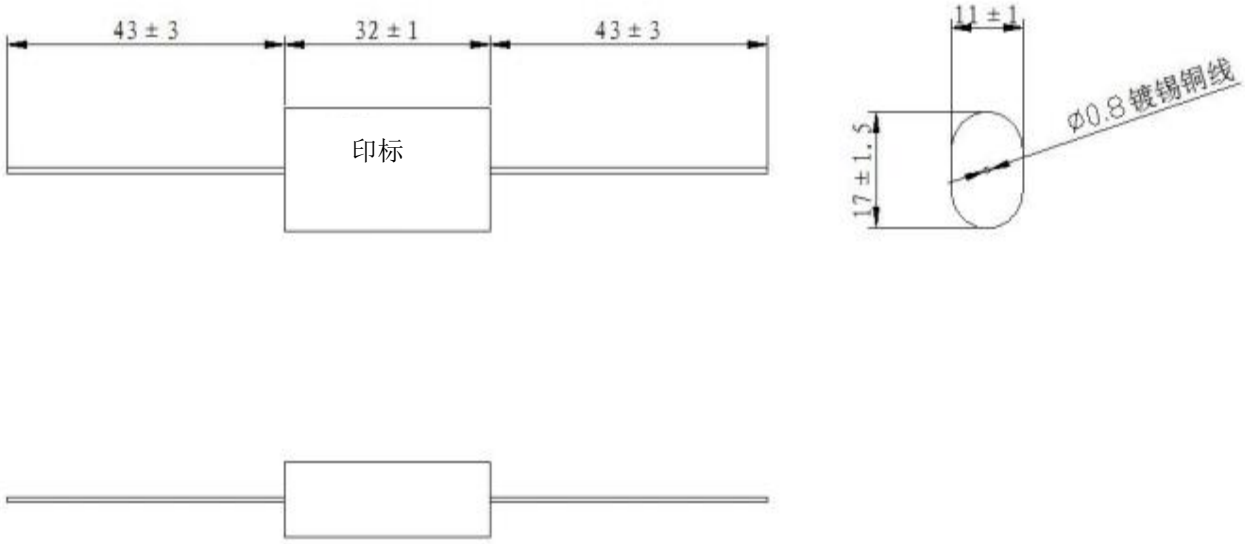
产品广泛用于UPS、逆变器、电焊机、电源、感应加热等设备的IGBT模块高频纹波吸收保护，尖峰电压钳位等场合。

## 2、引用标准

IEC 61071 ;IEC 61881

## 3、产品外形图

Unit:mm 未注公差±1



## 4、技术参数

| | | | |
|---|---|---|---|
| 额定容量 | Rated capacitance | Cn | 0.22 μF (±5%) |
| 额定电压 | Rated voltage | Un | 1200V.DC |
| 浪涌电压 | Non-recurrent surge voltage | Us | 1800V.DC |
| 最大电流 | maximum current | Imax | 8A |
| 最大峰值电流 | maximum peak current | $\hat{I}p$ | 44A |
| 最大冲击电流 | maximum surge current | $\hat{I}s$ | 132A |
| 等效串联电阻 | Series resistance | ESR | ＜14mΩ |
| 损耗角正切值 | Tangent of the loss | tg δ | ＜0.0008 (10kHz) |
| 介质损耗 | Tangent of the loss angle | $tg\ \delta_0$ | 0.0002 |
| 自放电常数 | Self discharge time const | Ri | ≥15000MΩ |
| 杂散电感 | Equivalent Series Inductance | ESL | ＜30nH |
| 最高运行温度 | highest Operating Temperature | | 85℃ |
| 储存温度 | Storage temperature | | -40℃~85℃ |
| 预期寿命 | Service life | | 100000h |
| 失效率 | Failure quota | | ＜100fit |
| | | | |
| TEST data | | | |
| 极间耐压 | Voltage test between terminals | Vtt | 1.5Un 10s |
| 极壳耐压 | Voltage test between terminals/container | Vtc | - - |
| | | | |
| 运行海拔高度 | Operating altitude | | 2500m |
| 电极最大扭矩 | Terminal tightening torque | | - - |
| 底部安装扭矩 | Bottom tightening torque | | - - |

## 5、过压运行要求

| | | |
|---|---|---|
| **Over Voltage** | **1.1Un(30% of on-load-dur)** | **System adjustment** |
| | **1.15Un (30min/day)** | |
| | **1.2Un (5min/day)** | |
| | **1.3Un (1min/day)** | **System switch** |
| | **1. 5Un (100ms every time,1000times during the lifetime** | |

## 6、产品寿命曲线图

