

HUN 系列 Series

特点 Features

- 高纹波, 85°C 2000小时, 可用于变频空调、变极器。
High ripple current, Load life of 2000 hours at 85°C,
Used for air conditioner, general-purpose inverter.
- RoHS指令已对应完毕。
Adapted to the RoHS directive.

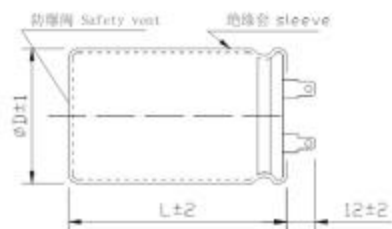


主要技术性能 Specifications

| 项目 Items | 特性 Performance Characteristics |
|---|---|
| 使用温度范围 Operating Temperature Range | -25~+85°C |
| 额定电压范围 Rated Voltage Range | 400 ~450V |
| 标称电容量允许偏差 Nominal Capacitance Tolerance | ±20% (120Hz, +20°C) |
| 漏电流 Leakage Current | $I \leq 0.01 CV(\mu A)$ 或5mA 5分钟 取较小值(at 20°C, after 5 minutes, Whichever is smaller) |
| 损耗角正切值(tgδ) Dissipation Factor(+20°C, 120Hz) | 小于图表中规定的数值 Less than the value specified in the standard products tables |
| 耐久性 Load Life | +85°C施加额定电压2000小时, 恢复16小时后: After applying rated voltage for 2000 hours at +85°C and then resumed for 16 hours: 电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value 漏电流 Leakage current : ≤初始规定值 ≤Initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2 times of the initial specified value |
| 高温贮存 Shelf Life | +85°C, 1000小时贮存后, 加额定工作电压处理30分钟, 恢复16小时后: after storage for 1000 hours at +85°C, UR to be applied for 30 minutes and then resumed for 16 hours: 电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value 漏电流 Leakage current : ≤初始规定值 ≤Initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2 times of the initial specified value |

外形图 CasetTablele

单位 Unit:mm



| | | |
|----|----|------|
| ΦD | 50 | 63.5 |
| F | 20 | 25 |

允许纹波电流的修正系数 Frequency Coefficient

| Frequency(Hz) | 50, 60 | 120 | 300 | 1k | 10K |
|---------------|--------|------|------|------|------|
| Factor | 0.70 | 1.00 | 1.10 | 1.30 | 1.40 |

环境温度的修正系数 Temperature coefficient

| Temperature(°C) | +40 | +60 | +70 | +85 |
|-----------------|------|------|------|------|
| Factor | 2.70 | 2.02 | 1.67 | 1.00 |

尺寸 Dimensions

| Rated Voltage | Surge Voltage | Rated Capacitance | Leakage Current MAX(mA) | Dissipation Factor MAX | Ripple Current 85°C 120Hz(Arms) | Size |
|---------------|---------------|-------------------|-------------------------|------------------------|---------------------------------|----------|
| | | | | | | ΦD×L(mm) |
| 400 | 450 | 680 | 2.72 | 0.20 | 2.7 | 50×65 |
| | | 820 | 3.28 | 0.20 | 3.0 | 50×65 |
| | | 1000 | 4.00 | 0.20 | 3.5 | 50×75 |
| | | 1200 | 4.80 | 0.20 | 3.8 | 50×75 |
| | | 1500 | 5.00 | 0.20 | 4.7 | 50×95 |
| | | 1800 | 5.00 | 0.20 | 5.1 | 50×95 |
| | | 2200 | 5.00 | 0.20 | 6.2 | 50×120 |
| | | 2500 | 5.00 | 0.20 | 7.0 | 63.5×100 |
| | | 2700 | 5.00 | 0.20 | 7.3 | 63.5×95 |
| | | 3300 | 5.00 | 0.20 | 7.9 | 63.5×105 |
| | | 3900 | 5.00 | 0.20 | 9.0 | 63.5×120 |
| 420 | 470 | 680 | 2.86 | 0.20 | 2.8 | 50×65 |
| | | 820 | 3.44 | 0.20 | 3.2 | 50×65 |
| | | 1000 | 4.20 | 0.20 | 3.5 | 50×75 |
| | | 1200 | 5.00 | 0.20 | 4.2 | 50×75 |
| | | 1500 | 5.00 | 0.20 | 4.8 | 50×95 |
| | | 1800 | 5.00 | 0.20 | 5.3 | 50×95 |
| | | 2200 | 5.00 | 0.20 | 6.3 | 50×120 |
| 450 | 500 | 680 | 3.06 | 0.20 | 2.6 | 50×65 |
| | | 820 | 3.69 | 0.20 | 3.1 | 50×75 |
| | | 1000 | 4.50 | 0.20 | 3.5 | 50×75 |
| | | 1200 | 5.00 | 0.20 | 4.3 | 50×95 |
| | | 1500 | 5.00 | 0.20 | 4.8 | 50×110 |
| | | 1800 | 5.00 | 0.20 | 5.5 | 50×120 |
| | | 2200 | 5.00 | 0.20 | 6.3 | 63.5×95 |
| | | 2700 | 5.00 | 0.20 | 7.1 | 63.5×105 |
| | | 3300 | 5.00 | 0.20 | 8.3 | 63.5×120 |
| | | 3900 | 5.00 | 0.20 | 9.8 | 63.5×145 |