

GH 节能灯专用品 (CDT型)

● 专为电子节能灯、镇流器设计制造。

Specially designed for electronic ballast and energy-save lamp

● 105℃负荷寿命达5000小时

Load life 5000 hours at 105℃.



Specifications

| 项目 Item | 特性 Characteristics | | | | | | | |
|--|--|---|------|------|------|------|------|----|
| 工作温度范围 Operating temperature range | -40℃~+105℃ | | | | | | | |
| 额定电压范围 Rated voltage range | 160V~450V DC | | | | | | | |
| 静电容量范围 Nominal capacitance range | 1.0μF~22μF | | | | | | | |
| 静电容量误差 Capacitance tolerance | (-10%+20% 120Hz 20℃) | | | | | | | |
| 漏电流 (20℃) leakage current(20℃) | WV≤400V I≤0.02CV+10μA after 2minute | | | | | | | |
| | WV=450V I≤0.03CV+10μA after 2 minute | | | | | | | |
| I: Leakage current C: Normnal capacitance V: Rated voltage | | | | | | | | |
| 损耗角正切 Dissipation factor (120Hz·20℃) | Rated voltage(V) | 160 | 200 | 250 | 350 | 400 | 450 | 删除 |
| | tg δ (max) | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.10 | |
| 低温特性 Low temperature characteristics (Impedance ratio max. at 120Hz) | Rated voltage(v) | 160 | 200 | 250 | 350 | 400 | 450 | 删除 |
| | Z-25℃/Z+20℃ | 3 | 3 | 3 | 5 | 5 | 5 | |
| | Z-25℃/Z+20℃ | 6 | 6 | 6 | 6 | 6 | 6 | |
| 高温负荷特性 Load Life | After applying rated voltage for 5000 hours at 105℃ then resumed 16 hours: | | | | | | | 删除 |
| | Capactiance change | Within ±20% of the initial measured value | | | | | | |
| | tgδ | ≤200% of the initial specified value | | | | | | |
| | Leakage current | ≤initial specified value | | | | | | |
| 高温贮存特性 Shelf Life | After storage for 1000 hours at 105℃ then resumed 16 hours: | | | | | | | 删除 |
| | Capactiance change | Within ±20% of the initial measured value | | | | | | |
| | tgδ | ≤200% of the initial specified value | | | | | | |
| | Leakage current | ≤500% of the initial specified value | | | | | | |

Diagram of Dimensions(mm)

| | | | | | |
|--|----------|-----|-----|-----|-----|
| <p>SLEEVE AL CASE Safety vent (φ8 up) * φ6.3 is available by request</p> | φ D | 6.3 | 8.0 | 10 | 13 |
| | F±0.5 | 2.5 | 3.5 | 5.0 | 5.0 |
| | φ d±0.05 | 0.5 | 0.6 | 0.6 | 0.6 |
| | α | 1.0 | 1.0 | 1.5 | 1.5 |

Multiplier for Ripple Current vs. Frequency:

| WV(V)\Hz | 120 | 1K | 10K | 100K |
|-----------|------|------|------|------|
| 160V~250V | 0.55 | 0.85 | 0.90 | 1.00 |
| 350V~450V | 0.50 | 0.80 | 0.90 | 1.00 |

Standard Ratings

| WV(Coad) | | 160V (0J) | | 200V (1A) | | 250V (1C) | | 350V (1E) | |
|----------|------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| C(uf) | Coad | φD×L | R. C. |
| 1 | 10 | 6.3×12 | 40 | 6.3×12 | 42 | 6.3×12 | 44 | 8×12 | 53 |
| 1.5 | 1R5 | 6.3×12 | 50 | 6.3×12 | 54 | 8×12 | 54 | 8×12 | 58 |
| 1.8 | 1R8 | 6.3×12 | 56 | 6.3×12 | 60 | 8×12 | 60 | 10×12 | 60 |
| | | | | | | | | 10×17 | |
| 2.2 | 2R2 | 6.3×12 | 60 | 6.3×12 | 68 | 8×12 | 70 | 8×12 | 65 |
| | | | | | | | | 10×12 | |
| 2.8 | 2R8 | 8×12 | 64 | 8×12 | 70 | 8×12 | 70 | 10×12 | 72 |
| 3.3 | 3R3 | 8×12 | 72 | 8×12 | 75 | 8×12 | 75 | 10×12 | 80 |
| 4.7 | 4R7 | 8×12 | 80 | 8×12 | 95 | 8×16 | 95 | 10×17 | 100 |
| | | | | | | 10×12 | | | |
| 5.6 | 5R6 | 8×16 | 84 | 8×12 | 98 | 8×16 | 98 | 10×17 | 115 |
| 6.8 | 6R8 | 8×16 | 90 | 8×16 | 102 | 8×16 | 102 | 10×20 | 142 |
| | | | | 10×12 | | | | | |
| 8.2 | 8R2 | 8×16 | 100 | 10×17 | 112 | 10×17 | 112 | 13×21 | 200 |
| 10 | 100 | 8×16 | 206 | 10×17 | 210 | 10×17 | 230 | 13×21 | 230 |
| | | | | | | 10×20 | | | |
| 15 | 150 | 10×17 | 235 | 10×17 | 250 | 10×20 | 250 | | |
| | | | | 10×20 | | | | | |
| 22 | 220 | 10×20 | 240 | 10×20 | 285 | 10×20 | 290 | | |
| | | | | | | 13×21 | | | |

| WV(Coad) | | 400V (1V) | | 450V (1H) | | | | | |
|----------|------|-----------|-------|-----------|-------|--|--|--|--|
| C(uf) | Coad | φD×L | R. C. | φD×L | R. C. | | | | |
| 1 | 010 | 8×12 | 58 | 8×12 | 60 | | | | |
| 1.5 | 1R5 | 10×12 | 60 | 10×12 | 72 | | | | |
| 1.8 | 1R8 | 10×12 | 70 | 10×12 | 76 | | | | |
| 2.2 | 2R2 | 8×16 | 75 | 10×12 | 80 | | | | |
| | | 10×17 | | 10×17 | | | | | |
| 2.8 | 2R8 | 10×12 | 80 | 10×12 | 88 | | | | |
| | | 10×17 | | 10×17 | | | | | |
| 3.3 | 3R3 | 10×17 | 90 | 10×17 | 95 | | | | |
| 4.7 | 4R7 | 10×17 | 108 | 10×20 | 110 | | | | |
| | | 10×20 | | | | | | | |
| 5.6 | 5R6 | 10×20 | 115 | 10×20 | 115 | | | | |
| 6.8 | 6R8 | 10×20 | 155 | 13×21 | 160 | | | | |
| | | 13×21 | | | | | | | |
| 8.2 | 8R2 | 13×21 | 214 | 13×21 | 220 | | | | |
| 10 | 10R | 13×21 | 230 | 13×21 | 250 | | | | |

Permit ripple current : (mArms, 105°C, 100KHZ)

Case size: φD×L (mm)