

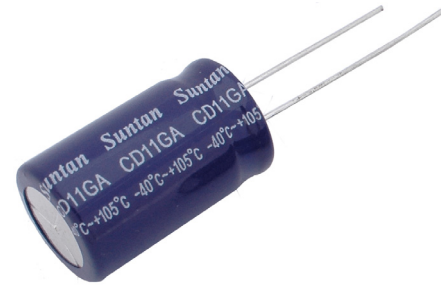
ALUMINUM ELECTROLYTIC CAPACITOR

Suntan®

FOR ENERGY LAMP

DISCONTINUED

TS13D CD11GA



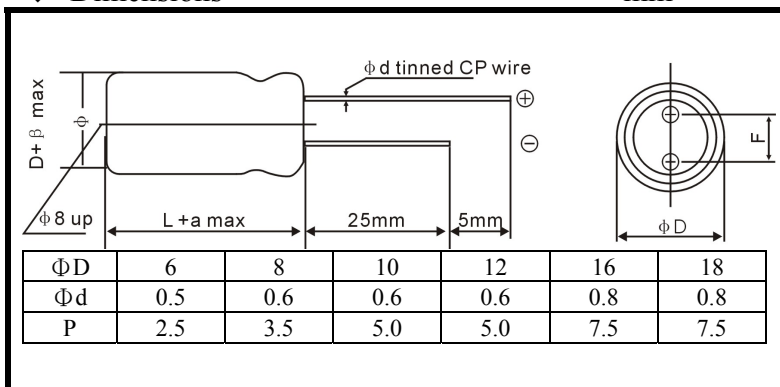
FEATURES

- Specially designed for electronic ballast and energy-save lamp high Ripple Current High Temperature, extremely Long Life
- 130°C 2000 hours or 105°C 8000 hours

◆ Specifications

| ITEMS | | PERFORMANCE CHARACTERISTICS | | | | | |
|----------------------|--|--|------|------|---|------|--|
| Rated Voltage | DC160~450V | | | | | | |
| Capacitance | ±20% | | | | | | |
| Dissipation Factor | Rated Voltage (V) | 200 | 250 | 350 | 400 | 450 | |
| | Tan δ | 0.08 | 0.08 | 0.08 | 0.08 | 0.12 | |
| Leakage Current | Rated Voltage (V) | 200~250V | | | 350~450V | | |
| | Leakage Current | 0.02CV+10 μA (at 20°C, after 2 minutes) | | | 0.02CV+10 μA (at 20°C, after 2 minutes) | | |
| Load Life (105°C) | After application of the voltage at 130°C 2000hours or 105°C 8000hours, the capacitors shall meet the below requirement | | | | | | |
| | Time | 130°C 2000hours or 105°C 8000hours | | | | | |
| | Leakage Current | Not more than the specified value. | | | | | |
| | Capacitance Change | Within±30% of the initial value | | | | | |
| Shelf Life (105±2°C) | After leaving capacitors under no load at 105°C for 1000 hours, capacitors shall meet the specified value for load life characteristics listed above | | | | | | |
| | Dissipation Factor | Not more than 300% of the specified value. | | | | | |

◆ Dimensions



◆ Multiplier for ripple current

| Frequency coefficient factor for ripple current | | | | |
|---|------|------|--------|---------|
| Frequency | 120 | 1K | 10-30K | 30-100K |
| 200-250 | 0.55 | 0.85 | 0.9 | 1.00 |
| 350-450 | 0.5 | 0.8 | 0.9 | 1.00 |

◆ Case Size DxL(mm) Ripple current (mA, 150°C/120Hz)

| WV/V | 160 | | 200 | | 250 | | 350 | | 400 | | 450 | |
|------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|
| | Size | Ripple | Size | Ripple | Size | Ripple | Size | Ripple | Size | Ripple | Size | Ripple |
| 1.0 | 6.3x11 | 80 | 6.3x11 | 80 | 6.3x11 | 80 | 8x12 | 90 | 8x12 | 90 | 8x16 | 100 |
| 2.2 | 6.3x11 | 90 | 6.3x11 | 90 | 8x12 | 90 | 8x16 | 100 | 10x16 | 110 | 10x16 | 110 |
| 3.3 | 8x12 | 100 | 8x12 | 100 | 8x12 | 100 | 10x17 | 110 | 10x17 | 120 | 10x17 | 120 |
| 4.7 | 8x12 | 120 | 8x12 | 120 | 10x12 | 120 | 10x17 | 140 | 10x20 | 140 | 10x20 | 140 |
| 6.8 | 8x16 | 150 | 8x16 | 150 | 8x16 | 160 | 10x17 | 200 | 10x20 | 200 | 10x20 | 140 |
| 10 | 8x16 | 220 | 10x17 | 220 | 10x20 | 250 | 13x20 | 250 | 13x20 | 250 | 13x20 | 280 |
| 22 | 10x20 | 450 | 12x20 | 450 | 13x20 | 540 | 13x25 | 310 | 16x25 | 380 | 16x30 | 500 |
| 33 | 13x20 | 450 | 13x20 | 540 | 13x25 | 540 | 16x25 | 450 | 16x30 | 580 | 16x35 | 630 |
| 47 | 13x25 | 580 | 13x25 | 600 | 16x25 | 650 | 16x30 | 600 | 18x35 | 750 | 18x35 | 800 |
| 68 | 13x25 | 680 | 16x25 | 680 | 16x30 | 830 | 16x35 | 760 | 18x35 | 900 | -- | -- |
| 100 | 16x25 | 1000 | 16x30 | 1000 | 18x30 | 1080 | -- | -- | -- | -- | -- | -- |
| 150 | 18x30 | 1200 | 18x35 | 1200 | -- | -- | -- | -- | -- | -- | -- | -- |

Note: Specification are subject to change without notice. For more detail and update, please visit our website.