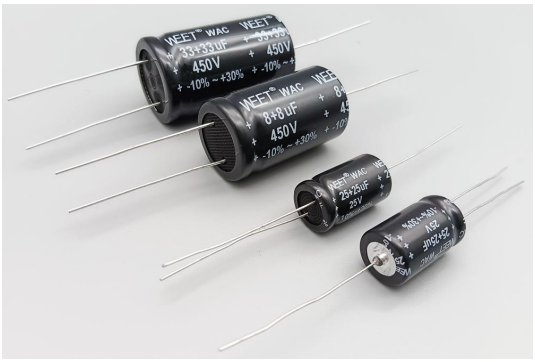
WEET®
We Enhance Efficiency

# WAC Series

**Dual Section Axial Polarized Aluminum Electrolytic Capacitors**

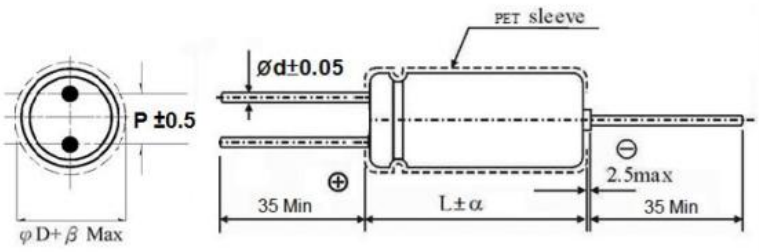
## FEATURES

- Polarized, Dual Section,Axial (3 lead)
- Load life of 1000 Hours
- Comply with the RoHS directive



## SPECIFICATIONS 1

**8μF+8μF TOL:-10%~+30%,450V Size:22*37mm (120HZ)DF≦24%**




| Size( φD x L) | 22 x 37 |
|---|---|
| φd ±0.05 | 0.8 |
| P ±0.5 | 10 |
| α | 2.0 |
| β | 1.0 |

| ITEM | CHARACTERISTIC |
|---|---|
| Operating Temperature Range | -40℃ ~ +85℃ |
| Capacitance Tolerance | -10% ~ +30% (Q), ( 120Hz, 20℃ ) |
| Capacitance | 8 μF + 8 μF |
| Rated Voltage | 450 VDC |
| Surge Voltage | 500 VDC |
| Leakage Current ( at 20℃ ) | I ≤ 169 μA After 5 minutes |
| Dissipation Factor ( Tan δ ) | ≤ 24% ( 120Hz, 20℃ ) |
| Load Life Test<br>After 1000 hours application of rated voltage at 85℃, capacitors meet the characteristics requirements listed at right. | Capacitance Change: Within ±20% of initial value<br>Disspatiion Factor: Less than200% of specified value<br>Leakage Current: Initial specified value or less |
| Marking | WEET® WAC<br>+ 8+8 μF<br>+ 450V<br>+ -10%~+30%<br>Printed with white color letter on black sleeve |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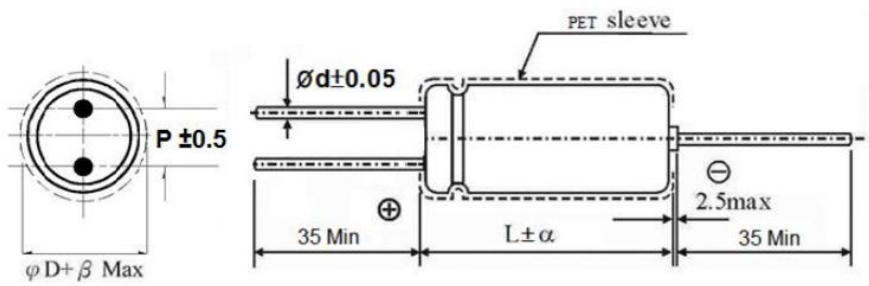
## SPECIFICATIONS 2

**33μF+33μF TOL:-10%~+30%,450V Size:25*43mm (120HZ)DF≦24%**




| Size( φD x L) | 25 x 43 |
|---|---|
| φd ±0.05 | 0.8 |
| P ±0.5 | 12.5 |
| α | 2.0 |
| β | 1.0 |

| ITEM | CHARACTERISTIC |
|---|---|
| Operating Temperature Range | -40℃ ~ +85℃ |
| Capacitance Tolerance | -10% ~ +30% (Q), ( 120Hz, 20℃ ) |
| Capacitance | 33 μF + 33 μF |
| Rated Voltage | 450 VDC |
| Surge Voltage | 500 VDC |
| Leakage Current ( at 20℃ ) | I ≤ 619 μA After 5 minutes |
| Dissipation Factor ( Tan δ ) | ≤ 24% ( 120Hz, 20℃ ) |
| Load Life Test<br>After 1000 hours application of rated voltage at 85℃, capacitors meet the characteristics requirements listed at right. | Capacitance Change: Within ±20% of initial value<br>Disspatiion Factor: Less than200% of specified value<br>Leakage Current: Initial specified value or less |
| Marking | WEET® WAC<br>+ 33+33 μF<br>+ 450V<br>+ -10%~+30%<br>Printed with white color letter on black sleeve |

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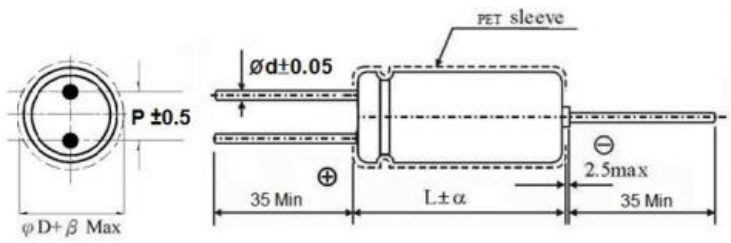
## SPECIFICATIONS 3

### 25μF+25μF TOL:-10%~+30%,25V Size:13*22mm (120HZ)DF15%




| Size( φD x L) | 13 x 22 |
|---|---|
| φd ±0.05 | 0.6 |
| P ±0.5 | 5 |
| α | 2.0 |
| β | 1.0 |

| ITEM | CHARACTERISTIC |
|---|---|
| Operating Temperature Range | -40℃ ~ +105℃ |
| Capacitance Tolerance | -10% ~ +30% (Q), ( 120Hz, 20℃ ) |
| Capacitance | 25 μF + 25 μF |
| Rated Voltage | 25 VDC |
| Surge Voltage | 32 VDC |
| Leakage Current ( at 20℃ ) | I ≤ 25 μA After 2 minutes |
| Dissipation Factor ( Tanδ ) | ≤ 15% ( 120Hz, 20℃ ) |
| Load Life Test<br>After 1000 hours application of rated voltage at 105℃, capacitors meet the characteristics requirements listed at right. | Capacitance Change: Within ±20% of initial value<br>Disspatiion Factor: Less than200% of specified value<br>Leakage Current: Initial specified value or less |
| Marking | WEET® WAC<br>+ 25+25 μF<br>+ 25V<br>+ -10%~+30%<br>Printed with white color letter on black sleeve |

**Note: Other values are available on request. WEET is capable of doing custom service for you.**

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