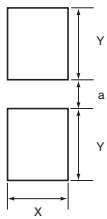


Surface Mount Type

Recommended Land Size (mm)



| Size | X | Y | a | | | |
|------------------|----------------------|-----|------|---------------------------------------|-----|-----|
| φ3 | 1.6 | 2.2 | 0.8 | | | |
| φ4 | 1.6 | 2.6 | 1.0 | | | |
| φ5 | 1.6 | 3.0 | 1.4 | | | |
| φ6.3 | 1.6 | 3.5 | 1.9 | | | |
| φ8×5.4L, φ8×6.2L | 2.5 | 4.0 | 2.1 | | | |
| φ8 × 10L | 2.5 | 3.5 | 3.0 | | | |
| φ10 | 2.5 | 4.0 | 4.0 | | | |
| Size | Welded terminal type | | | Perpendicularly mounted terminal type | | |
| | X | Y | a | X | Y | a |
| φ12.5 | 4.0 | 7.5 | 7.0 | 2.0 | 7.3 | 3.0 |
| φ16 | 6.0 | 8.5 | 9.5 | 2.0 | 7.9 | 5.3 |
| φ18 | 6.0 | 9.5 | 10.5 | 2.0 | 8.9 | 5.3 |
| φ20 | 6.0 | 9.5 | 12.5 | 2.4 | 8.7 | 7.8 |

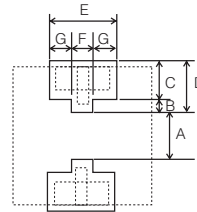
※ A chip product of φ12.5 or more in size and with a bent terminal shape indicates a product where the 11th digit of the product number code is "Q".

Vibration Resistance Type (CZ, CX, UE, BC series)

① φ6.3 to 10

| Size | X | Y | a |
|------------|-----|-----|-----|
| φ6.3 × 10L | 3.0 | 4.0 | 1.6 |
| φ8 × 10L | 4.3 | 5.3 | 2.0 |
| φ10 × 10L | 4.3 | 5.6 | 3.3 |

② φ12.5 to 20



| Size | A | B | C | D | E | F | G |
|-------|-----|-----|-----|-----|------|-----|-----|
| φ12.5 | 3.0 | 2.3 | 5.0 | 7.3 | 7.0 | 2.0 | 2.5 |
| φ16 | 5.3 | 2.9 | 5.0 | 7.9 | 7.0 | 2.0 | 2.5 |
| φ18 | 5.3 | 3.1 | 5.8 | 8.9 | 11.0 | 2.0 | 4.5 |
| φ20 | 7.8 | 2.9 | 5.8 | 8.7 | 12.0 | 2.4 | 4.8 |

Soldering by Reflow

Table-1

Chip Type Aluminum Electrolytic Capacitors



φ10 or Smaller

(ZS, ZP, ZT, WX*1, WR, WP*1, WT*1, WF, WG, UP, UT, UA, UL, CB, CW, CD*2, CL, CM, UD, UB*3, CJ, CZ, CX*2, UR, UX*3, UQ, UE*2, BC*2)

*1φ8×5.4L : Refer to the table-2

*2φ12.5 or greater : Refer to the table-4

*3160 to 400V : Refer to the table-3

- Pre - heating shall be done at +150°C to 180°C and for 120 seconds.
- The temperature at capacitor Top shall not exceed +250°C.
- The duration for over +230°C temperature at capacitor surface shall not exceed 30 seconds.
- The standard temperature profile differs by every reflow method.
- Reflow shall be done within 2 cycles. please make sure the parts have enough cooling down time between the first and second soldering process.
- Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

Table-2

Chip Type Aluminum Electrolytic Capacitors

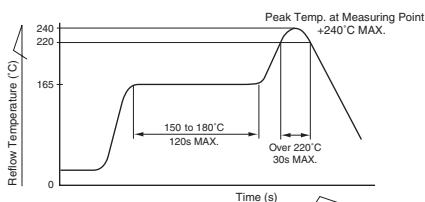


φ8 × 5.4L (WX, WP, WT)

- Pre - heating shall be done at +150°C to 180°C and for 120 seconds.
- The temperature at capacitor Top shall not exceed +245°C.
- The duration for over +220°C temperature at capacitor surface shall not exceed 30 seconds.
- The standard temperature profile differs by every reflow method.
- Reflow shall be done within 2 cycles. please make sure the parts have enough cooling down time between the first and second soldering process.
- Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

Table-3

Chip Type Aluminum Electrolytic Capacitors



3L, 3.9L (ZD, ZR, ZE, ZG), UX(160 to 400V), UB(160 to 400V), LT, LH, LR, LV

- Pre - heating shall be done at +150°C to 180°C and for 120 seconds.
- The temperature at capacitor Top shall not exceed +240°C.
- The duration for over +220°C temperature at capacitor surface shall not exceed 30 seconds.
- The standard temperature profile differs by every reflow method.
- Reflow shall be done within 2 cycles. please make sure the parts have enough cooling down time between the first and second soldering process.(φ6.3 : 1 cycle only)
- Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

● Table-4

Chip Type Aluminum Electrolytic Capacitors

φ 12.5 or greater (CD, CX, UG, UJ, UN, UE, BC)

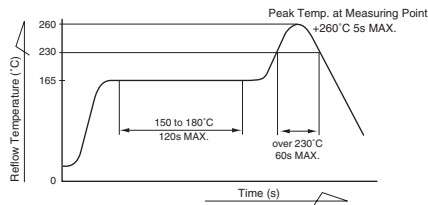


- Pre - heating shall be done at +150°C to 180°C and for 120 seconds.
- The temperature at capacitor Top shall not exceed +240°C.
- The duration for over +200°C temperature at capacitor surface shall not exceed 60 seconds.
- The standard temperature profile differs by every reflow method.
- Reflow shall be done within 2 cycles. please make sure the parts have enough cooling down time between the first and second soldering process.
- Please contact us if capacitors are subject to the conditions other than the allowable range at reflow.

● Table-5

Chip Type Aluminum Electrolytic Capacitors

(For High Temp. Reflow) WJ, WZ, WD, WH, WS



- Pre - heating shall be done at +150°C to 180°C and for 120 seconds.
- The temperature at capacitor surface shall not exceed +260°C.
- The duration for over +230°C temperature at capacitor surface shall not exceed 60 seconds.
- The standard temperature profile differs by every reflow method.
- Reflow shall be done within 2 cycles. please make sure the parts have enough cooling down time between the first and second soldering process.
(φ 8 × 6.2 and φ 10 × 10 : 1 cycle only)
- Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Техническую поддержку проекта.
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