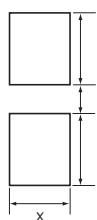


Surface Mount Type

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
Welded terminal type			
Size	X	Y	a
φ12.5	4.0	7.5	7.0
φ16	6.0	8.5	9.5
φ18	6.0	9.5	10.5
φ20	6.0	9.5	12.5
Perpendicularly mounted terminal type			
Size	X	Y	a
φ12.5	4.0	7.5	7.0
φ16	6.0	8.5	9.5
φ18	6.0	9.5	10.5
φ20	6.0	9.5	12.5

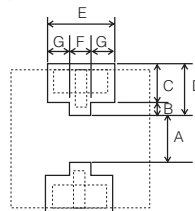
※ A chip product of φ12.5 or more in size and with a bent terminal shape indicates a product where the 11th digit of the product number code is "Q".

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

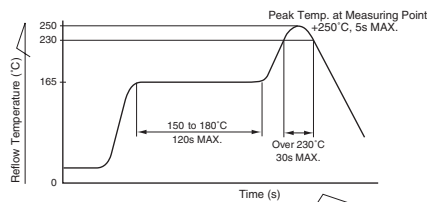


Size	A	B	C	D	E	F	G
φ12.5	3.0	2.3	5.0	7.3	7.0	2.0	2.5
φ16	5.3	2.9	5.0	7.9	7.0	2.0	2.5
φ18	5.3	3.1	5.8	8.9	11.0	2.0	4.5
φ20	7.8	2.9	5.8	8.7	12.0	2.4	4.8

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

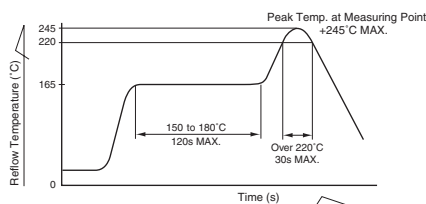
*2φ12.5 or greater : Refer to the table-4

*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

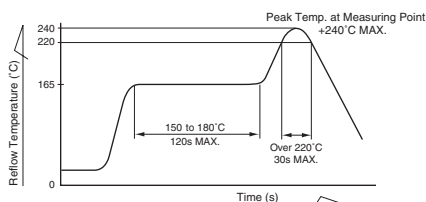


φ8×5.4L (WX, WP, WT)

- 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

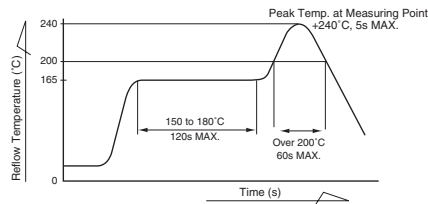


3L, 3.9L (ZD, ZR, ZE, ZG), UX(160 to 400V), UB(160 to 400V), LT, LH, LR, LV

- 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

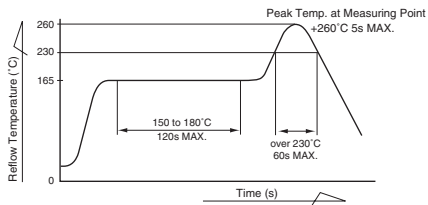
φ 12.5 or greater (CD, CX, UG, UJ, UN, UE, BC)



- 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.



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331