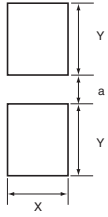


## Surface Mount Type

### Recommended Land Size (mm)



Size	X	Y	a
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	Perpendicularly mounted terminal type		
	X	Y	a
φ12.5	2.0	7.3	3.0
φ16	2.0	7.9	5.3
φ18	2.0	8.9	5.3

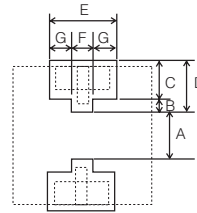
※ Chip product of φ12.5 or larger where the 11th digit of the product number code is "Q" or "J".

### Vibration Resistance Type (UCZ, UCH, UCX, UUE, UBC)

① φ6.3 to 10

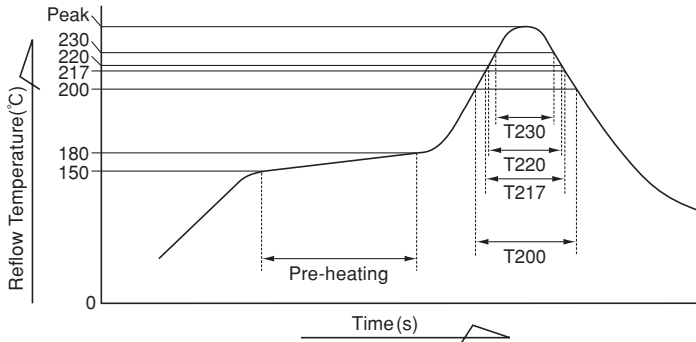
Size	X	Y	a
φ6.3 × 7.7L	3.0	4.0	1.6
φ6.3 × 10 L	3.0	4.0	1.6
φ8 × 10 L	4.3	5.3	2.0
φ10 × 10 L	4.3	5.6	3.3

② φ12.5 to 18



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

### Recommended conditions of Soldering by Reflow



T200 : Duration for over +200°C at capacitor surface.  
 T217 : Duration for over +217°C at capacitor surface.  
 T220 : Duration for over +220°C at capacitor surface.  
 T230 : Duration for over +230°C at capacitor surface.

The temperature measuring point is at the case top.

Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

No.	Type · Series	Size	Pre-heating	Peak temperature	Duration over 230°C	Duration over 220°C	Duration over 217°C	Duration over 200°C	Reflow cycle
1	Chip Type Aluminum Electrolytic Capacitors (UZS, UZT, UWX※1, UWR, UWP※1, UWT※1, UWF, UWG, UUP, UUT, UUA, UUL, UCB, UCW, UCD※2, UCL, UCM※2, UCV, UUD, UUB※3, UCJ, UCZ※2, UCH, UCX※2, UUR, UUX※3, UUU, UCQ, UUE※2, UBC※2)	~ φ10	+150°C to 180°C within 120s	250°C Max.	within 30s	—	within 40s	—	within 2 cycles※4
2	Chip Type Aluminum Electrolytic Capacitors (UWX, UWP, UWT)	φ8 × 5.4L		245°C Max.	—	within 30s	within 30s	—	within 2 cycles※4
3	Chip Type Aluminum Electrolytic Capacitors (UZR, UZG)	3.9L		240°C Max.	—	within 30s	within 30s	—	within 2 cycles※4 (φ6.3: 1 cycle only)
4	Chip Type Aluminum Electrolytic Capacitors (UUX (160-400V), UUB (160-400V), ULT, ULH, ULR, ULV)	~ φ10		240°C Max.	—	within 30s	within 30s	—	within 2 cycles※4 (φ6.3: 1 cycle only)
5	Chip Type Aluminum Electrolytic Capacitors (UCD, UCM, UCZ, UCX, UUG, UUU, UUN, UUE, UBC)	φ12.5 ~		240°C Max.	—	—	within 30s	within 60s	within 2 cycles※4
6	Chip Type Aluminum Electrolytic Capacitors※5 (UWJ, UWZ, UWD, UWH)	—		260°C Max.	within 60s	—	within 70s	—	within 2 cycles※4 (φ8 × 6.2L and φ10 × 10L: 1 cycle only)

※1: For φ8 × 5.4L, please refer to the No.2. ※2: For φ12.5 or greater, please refer to the No.5.

※3: For 160~400V, please refer to the No.4. ※4: Please make sure the parts have enough cooling down time between the first and second soldering process.

※5: For High Temp. Reflow.

s=seconds

CAT.8100J-1