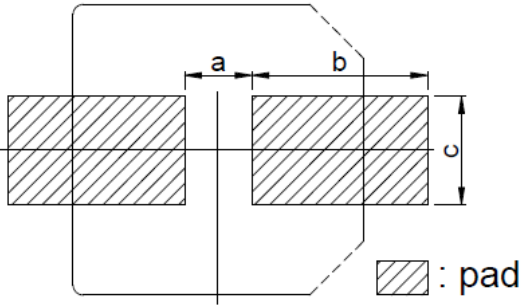


Reflow Conditions for SMD type

1. Recommended pad pattern and size

Unit: mm

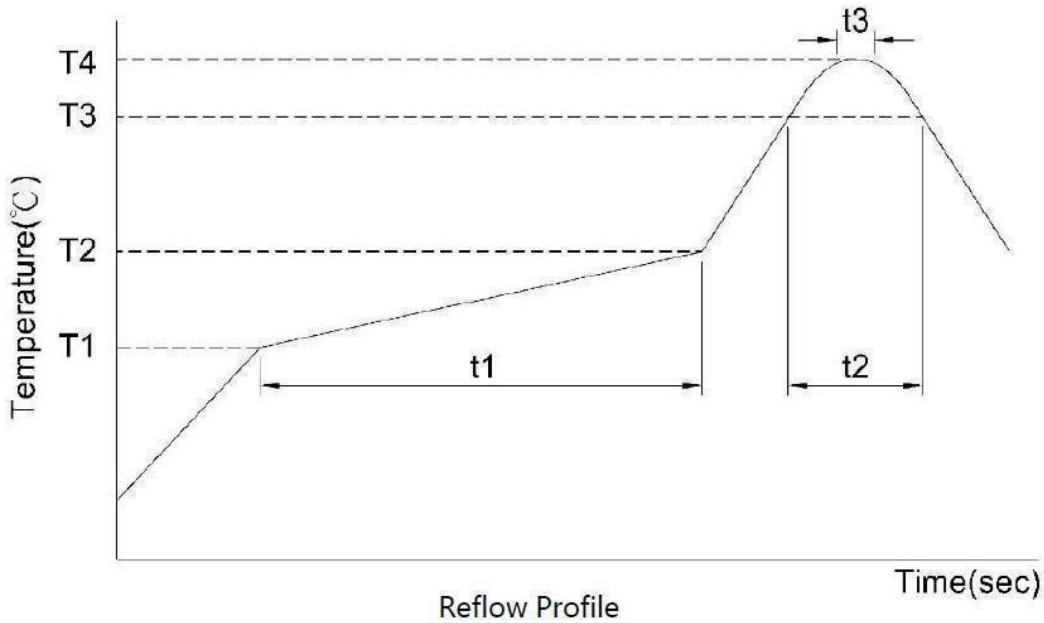


Case size	Land size		
	a	b	c
4φ	1.0	2.6	1.8
5φ	1.4	3.0	1.8
6.3φ	1.9	3.5	1.8
8φ	3.0	4.0	2.5
10φ	4.0	4.0	2.5
12.5φ	4.0	6.0	3.0

2. Recommended Soldering Methods

2.1 Solder iron method: Bit temperature: $350 \pm 5^{\circ}\text{C}$, Application time of soldering Iron: $3 +1 / -0$ sec

2.2 Reflow Soldering (Pb-free) :



Rated voltage (V)		4 ~ 50	63 up	4 ~ 100	160 up
Case size (φ)		4 ~ 6.3	4 ~ 6.3	8 ~ 18	8 ~ 18
Preheat	Temp. (T1 ~ T2, °C)	150-180			
	Time (t1) (Max, secs)	100			
Duration	Temp. (T3, °C)	217	230	217	217
	Time (t2) (Max, secs)	90	40	60	40
Peak	Temp. (T4, °C)	260	250	250	245
	Time (t3, secs)	5			
Reflow cycles		2 or less			

* Please contact our representative if your condition is higher.

* Please ensure that the capacitor became cold enough to the room temperature (5 ~ 35°C) before the second reflow.