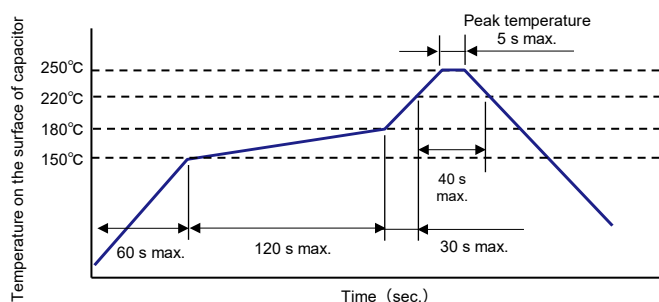


Mounting specifications

◆ Recommendable reflow soldering

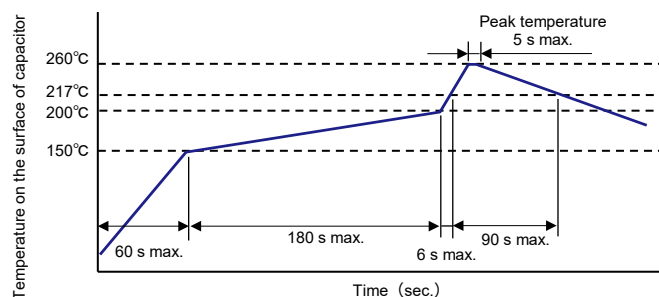
■ Applicable series : TPS, TPSF, TPE, TPF, TA
TV, TH, TPB, TC, TPC

Peak temperature 250 °C lead free reflow
soldering profile
The cycles of reflow soldering : Twice (max.)



■ Applicable series : TPS, TPSF, TPE, TPF, TA
TV, TPB, TC, TPC

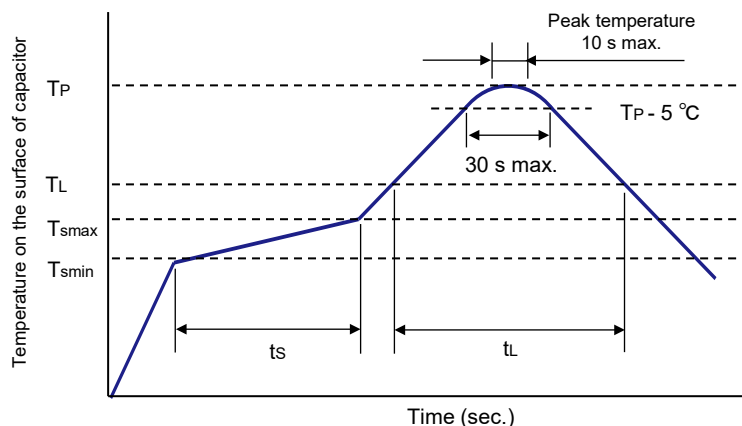
Peak temperature 260 °C lead free reflow
soldering profile
The cycles of reflow soldering : Twice (max.)



Note) This reflow is limited at moisture sensitive level.
Please contact us separately concerning about detail.

■ Applicable series : TQC, TDC, TQS, TQT

* Refer to the characteristics list of each
series for compatible part numbers.



Reflow soldering		Condition A	Condition B	Condition C	Condition D
		IPC/J-STD-020 reflow profile		Peak temperature 250 °C lead free reflow profile	
Peak temperature (T _P)		260 °C	250 °C	250 °C	
Time within -5 °C of peak temperature		30 seconds max.		—	
Soldering time (t _L) above soldering temperature (T _L)	T _L ≥ 217 °C	150 seconds max.		90 seconds max.	60 seconds max.
	T _L ≥ 200 °C	—			70 seconds max.
Preheat	Temperature max. (T _{smax})	200 °C		180 °C	
	Temperature min. (T _{smin})	150 °C			
	Time (t _s) from (T _{smin}) to (T _{smax})	120 seconds max.			
The cycles of reflow soldering		3 times (max.)		Twice (max.)	

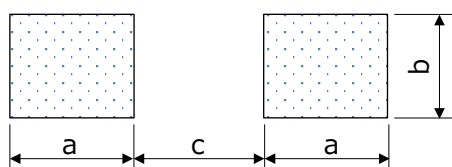
● Soldering with a soldering iron

Tip of a soldering iron : 350 °C max (TQC / TDC / TQS / TQT series : 400 °C max.)

Working time : 3 sec. max. (TQC / TQS / TQT series : 5 sec. max.)

(Do not let the tip of soldering iron touch the POSCAP itself. Do not subject the POSCAP itself to excessive stress when soldering)

Land pattern



Size code	a	b	c
B1, B1S, B2, B2S	1.6	2.7	1.4
D15, D2E, D2, D3L, D4	2.4	2.9	3.7
D15S	1.4 / 1.7 ^{*1}	2.6	4.6
D2S	1.4	2.6	5.1

*1 : +side / -side