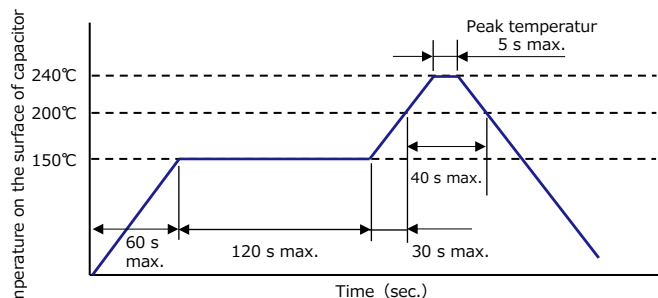


Mounting specifications

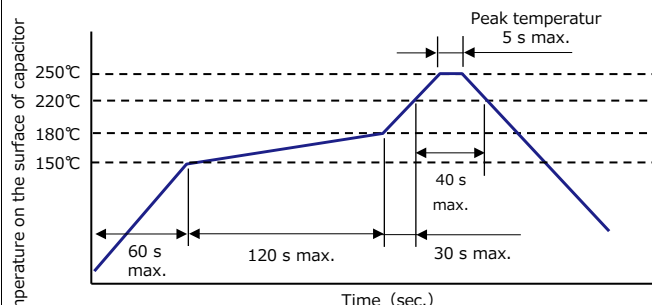
◆ Recommendable reflow soldering

〈 Recommended reflow soldering temperature profile 〉



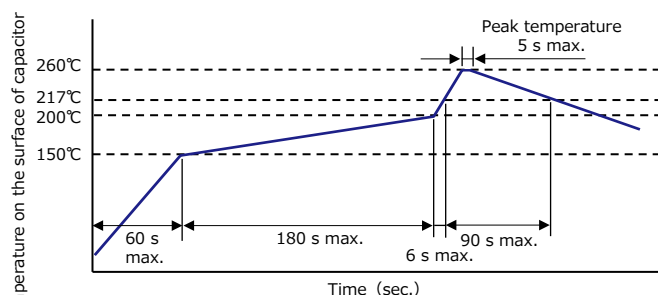
The cycles of reflow soldering : Twice (max.)

〈 Peak temperature 250 °C lead free reflow soldering profile 〉



The cycles of reflow soldering : Twice (max.)

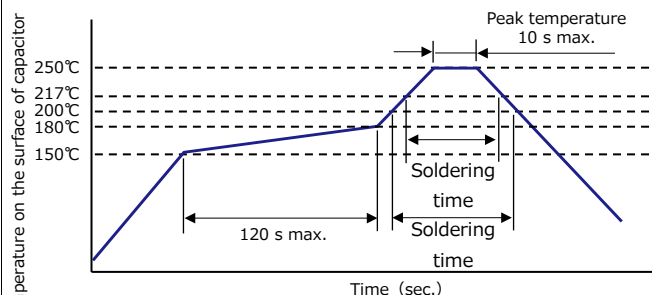
〈 Peak temperature 260 °C lead free reflow soldering profile 〉



The model of MSL "2a" is changed into MSL "3" with this reflow condition.

The cycles of reflow soldering : Twice (max.)

〈 TQC / TQS series 〉

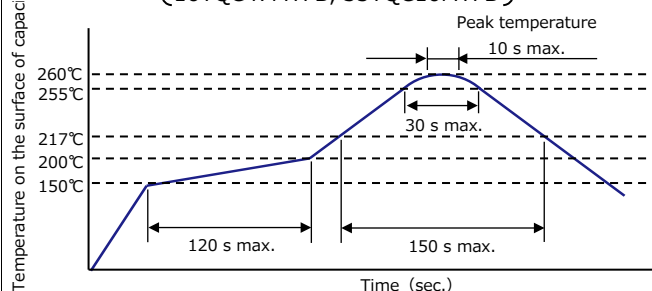


The cycles of reflow soldering : Twice (max.)

Soldering temperature and soldering time

Temperature	Time	
	16TQC220MD3 25TQC100MD3	Other product numbers
≥ 217 °C	90 s max.	60 s max.
≥ 200 °C	-	70 s max.

〈 TQC / TQS series 〉

(35TQS47MEU, 25TQC22MYFB
16TQC47MYFB, 35TQC10MYFB)

The cycles of reflow soldering : 3 times (max.)

● Soldering with a soldering iron

Tip of a soldering iron

: 350 °C max (TQC / TQS series : 400 °C max.)

Power of a soldering iron

: 30 W max.

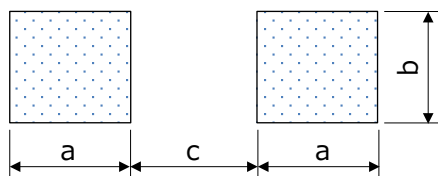
Working time

: 3 sec. max. (TQC / TQS 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

Unit : mm



Size code	a	b	c
B1, B1S, B1G, B15G, B2, B2S	1.6	2.7	1.4
D12, D15, D15E, D2E, D2, D3L, D4	2.4	2.9	3.7
D15S	1.4 / 1.7*1	2.6	4.6

*1 : +side / -side