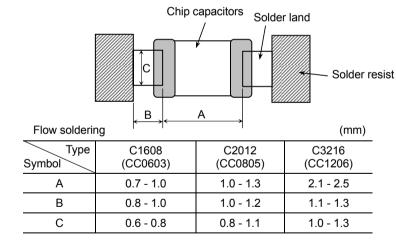


3 Designing P.C.board

The amount of solder at the terminations has a direct effect on the reliability of the capacitors.

1) The greater the amount of solder, the higher the stress on the chip capacitors,

- and the more likely that it will break. When designing a P.C.board, determine the shape and size of the solder lands to have proper amount of solder on the terminations.
- Avoid using common solder land for multiple terminations and provide individual solder land for each terminations.
- 3) Size and recommended land dimensions.



_	Reflow soldering			~ \ (mm)		
	Туре	C0402	C0603	C1005	C1608	C2012
	Symbol	(CC01005)	(CC0201)	(CC0402) I	(CC0603)	(CC0805)
	Α	0.15 - 0.25	0.25 - 0.35	0.3 - 0.5	0.6 - 0.8	0.9 - 1.2
	В	0.15 - 0.25	0.2 - 0.3	0.35 - 0.45	0.6 - 0.8	0.7 - 0.9
-	С	0.15 - 0.25	0.25 - 0.35	0.4 - 0.6	0.6 - 0.8	0.9 - 1.2