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How to use Shape I and examples

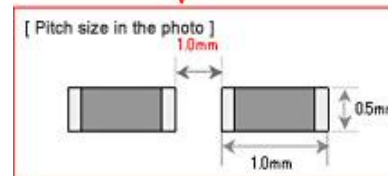
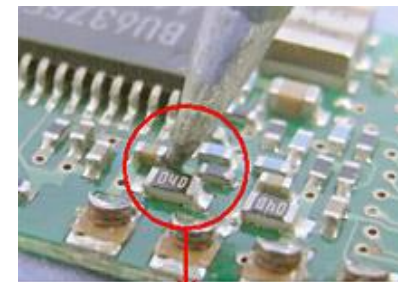
Having the very fine tip end, this shape is best for soldering micro components such as 0603, etc and for repairing high-density-mounting P.W.Bs. such as in cellular phones, etc. However, the heat capacity of Shape I is very small and the heat may not be transferred to workpiece sufficiently, which caused the insufficient solder (It's called Red Eye generally). Shape I has the special application of Heavy Duty Type.

Soldering tiny chip parts



Set 0603 as an example; very fine tip end makes it easy to solder a tiny chip.

Soldering at the narrow pitches



It is easy to work with Shape I at the narrow pitches in which the tip end of Shape B touches the nearby ICs.

*The tip in the photo is T12-ILS
T12 series has the most variation of Shape I in HAKKO products: T12-I, T12-IL and T12-ILS.