

# SMD REFERENCE SHEET

Trying to hand-solder can be difficult, but what's even harder is hand-soldering tiny SMD components to a small PCB – like trying to pick up individual grains of rice with tweezers small.

## Selecting the right Size.

0603 (imperial) is about the smallest generally usable for hand assembly. You can go smaller (0402 or below) but you're going to have a bad time trying to hand-solder, or larger (0805 or above) but at greater cost and board space. 0603 is a good choice for general-purpose surface mount prototyping.

