

Connector Design Kit Collection “Small PCB Connectors“ ERNI #169254

This product is a versatile kit containing all „small“ ERNI PCB connectors which were available at the time of the creation of this helpful tool (fall 2010).

The kit provides twenty five tiny break-away board assemblies featuring individual connectors and two 3mm assembly holes for mechanical attachment. The only exception are the 4pin and 6pin MiniBridge connectors which share a common board (#169211).

All connector pins are routed individually to a plated through-hole in order to allow easiest solder-attachment of breadboard wires. Microspeed signal and power connectors do also provide access to their shields.

Intended Use

Connector Design Kit Collection or its individual assemblies are intended for laboratory use only.

This product is not intended for use with high currents and / or high voltages and must not be used in field applications.

SAFETY Hints / Advisory

- Risk of injury while dividing the Connector Design Kit Collection into individual boards.
- Use an appropriate tool like flat pliers.
- Consider to protect your hands.
- Put assembly on stabile underlay like a workbench

Avoid any overload conditions - they are likely to destroy PCB traces and connectors

- Risk of contact with hazardous voltages
- Risk of sputtering melt metal particles during overload through current or voltage
- Risk of arcing during overload through current or voltage

Beware of your safety while operating this Connector Design Kit Collection or its individual assemblies

Short Guide for breaking the Design Kit Collection’s PCB

The Connector Design Kit Collection’s PCB features scroll lines that allow the PCB to be broken.

Put the assembly on a safe underlay.

Use flat pliers to bend PCB along scoll line up and down.

Do not break in just one attempt.

Technical Data

Total Board Size approx. 280mm x 218mm (1.6mm thick)

All traces 35um copper thickness (1oz copper weight)

Note: PCB traces may not be adequate to carry currents rated in connector’s datasheets