

## eC-registration-system

### eC-stencil – what is that?

The stencils that fit our **eC-stencil-mate** and **eC-stencil-fix** are called **eC-stencils** and are produced with special tooling holes according to the unique **eC-registration-system**. The **eC-registration-system** is a simple pin tooling registration system offering high accuracy and an ease of use.

### eC-registration-system details for PCB and stencil:

The PCB requires 2 location holes of 3 mm finished diameter and the stencil requires 2 location holes of 5 mm finished diameter. The drawing shows their relative positions and should be sufficient for PCB and stencil manufacturing. All other dimensions are shown on the drawing.

### Notes

1. The location pins for the PCB are sized 3H8 so they are undersized to fit the 3 mm location holes. The location pins for the stencil are 5H8.
2. The width of the location-pin blocks and the accuracy of the registration system mean that PCBs less than 50mm wide cannot be mounted on the eC-stencil mate.
3. All Eurocircuits standard panels comply with the eC-registration rules.
4. PCB's marked as eC-registration-compatible in the order will be placed in a standard Eurocircuits customer panel.
5. Customer panels marked as eC-registration-compatible will be adapted with the tooling holes needed.

### How to order an eC-stencil?

After you have completed your PCB order (after pushing confirm), a second window will open asking if you would like to accompany your PCB order with an **eC-stencil** order. Just tick the box for **eC-stencil-TOP** or **BOTTOM** or both and the price will be shown. You can also tick the box to receive our **eC-stencil-fix** (manual registration tool).

Confirm the order and all orders will be shown together with the PCB order in the running orders screen.

