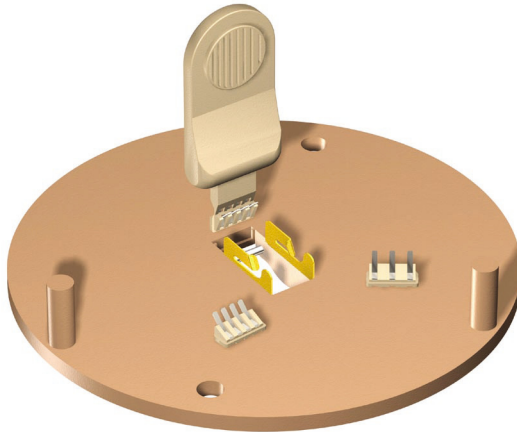


Application Note

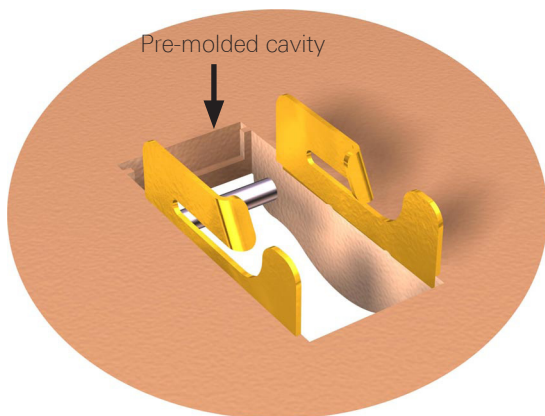


CS 73 & 74 -Insert Socket Modules

CS 73/ 74 - unique socket modules that interface with the **CS 63/64** Flexible Interconnect Systems as well as the **CS 53/54** Flex Adapters.

The tiny 3 or 4 contact Insert Socket Module - guided by the integrated mounting device - is easily snap-fitted into the faceplate where its heat-resistant body-part and its noncorrosive contact terminals ensure a durable and reliable interconnection.

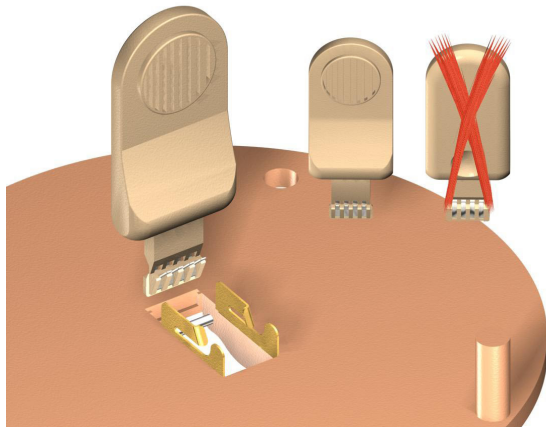
Application Note



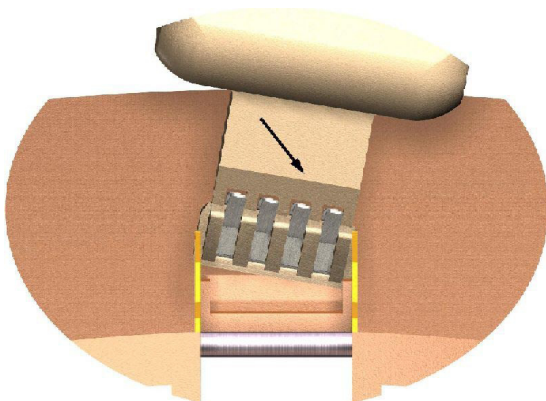
1
The faceplate must include the pre-molded cavity meeting the dimensions shown in the Insert Socket Module CS 73/74 data sheet.

To reduce stress around the size 10A cavity during insertion of CS 73/74 socket module, we recommend the use of a mounting fixture to support the faceplate.

Sonion ordering code: 0010-2000263, Mounting fixture for CS 73/74 in 10A faceplate

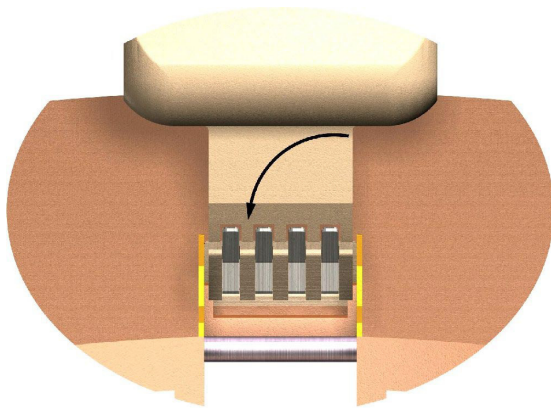


2
Before inserting the CS73/74 socket module, the mounting device must be positioned with the figure to the right - the longer contact terminals facing towards the battery door.

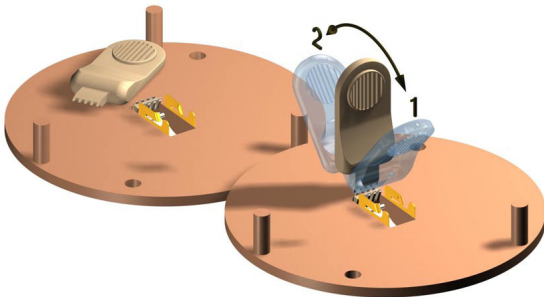
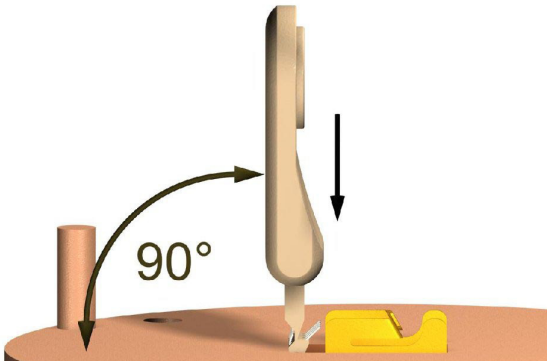


3
Place the socket module against the back of the cavity. Tilt the socket module 10-15° and slide it towards one side of the cavity.

Application Note



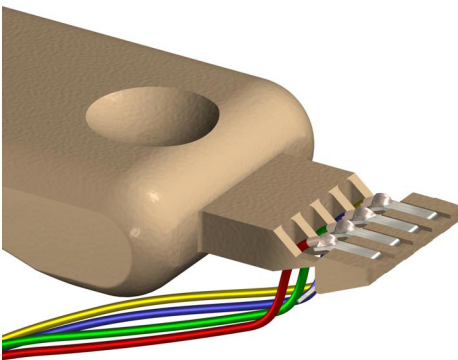
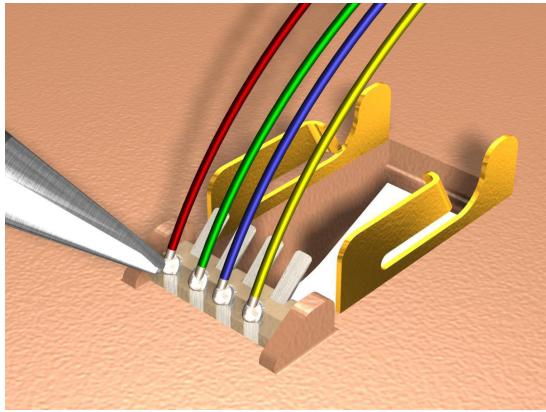
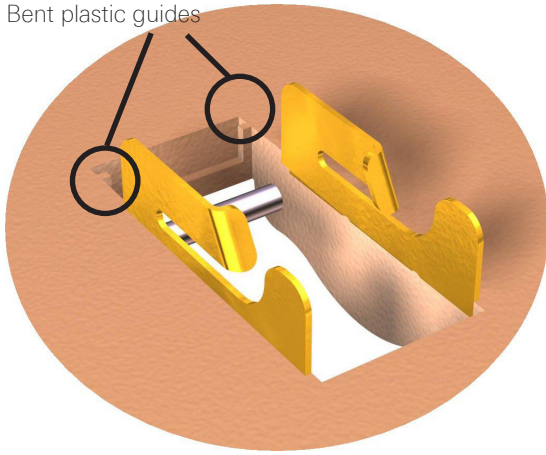
- 4**
Align the socket module so both corners are inside the cavity. Maintaining a 90° angle, push it fully into the cavity.



- 5**
Tilt the handle back and forth until it separates from the socket module

Application Note

Bent plastic guides



6

In case of replacement or wrongly inserted socket module, the plastic guides in the premolded cavity will be bent. In this case the retention force is reduced, and it is recommended to glue the insert socket module after mounting in the faceplate.

7

Wires can then be attached to the Insert Socket Module observing the recommended Sonion standard soldering specifications (260°C/500°F for 3 sec. or 315°C/600°F for 1 sec.).

8

To avoid heat damage to the faceplate, the wires may be attached to the module before it is inserted into the faceplate. The wires are fed from the front - through the openings in the mounting device and soldered on to the bended area of the contact spring. This ensures that the wires will not interfere with the mounting device when separated from the socket module.