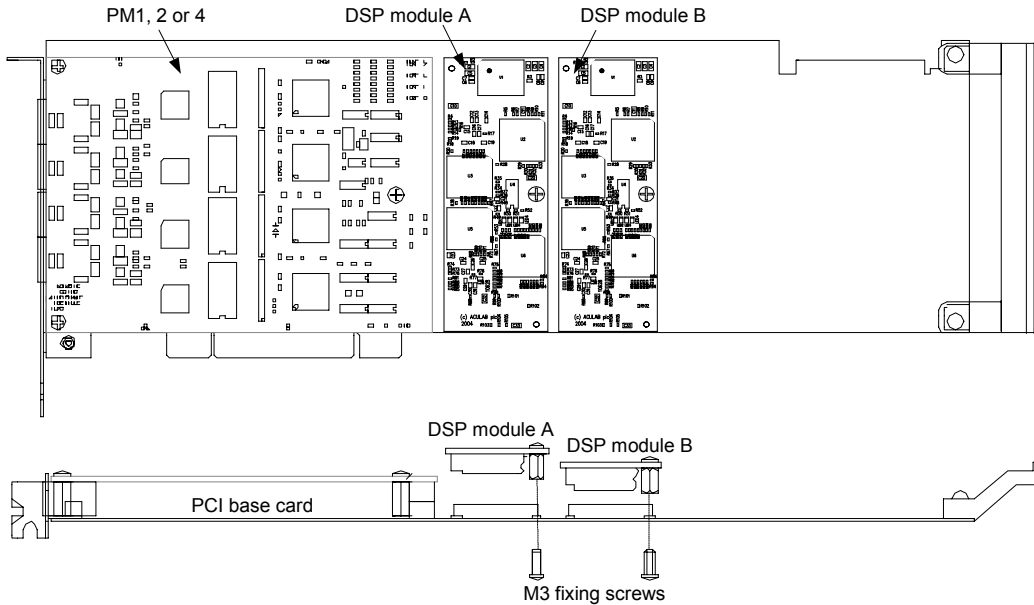


# 1 Fitting instructions for DSP65 modules to Aculab PCI cards and cPCI cards

- 1 - Do not attempt to install or remove any modules until the card has been disconnected from all power supplies.
- 2 - Proper ESD (ElectroStatic Discharge) procedures should be maintained throughout
- 3 - Take care not to bend any pins on the connectors and always check for the correct orientation of the modules
- 4 - Any work carried out on this assembly which results in any damage whatsoever will invalidate any claims under the Aculab Plc warranty

## 1.1 PCI card

The following example is an E1/T1 card variant, which may have up to two DSP65 modules fitted.



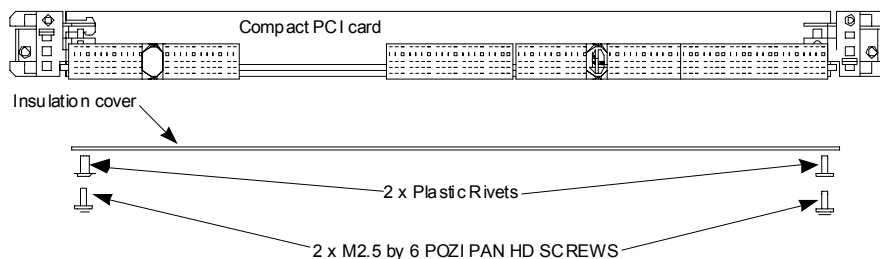
### Fitting the DSP65 modules

Ensure the correct orientation of the module, the fixing post should be towards the rear of the PCI card. Align the module sockets with the PCI card connectors and gently but firmly push them together. Insert the M3 fixing screw through the PCI card into the module securing posts. As appropriate, repeat the process for the second module.

Removal of a module is the reverse procedure of the installation. Take extreme care when separating the connectors from the sockets, any undue force could damage the module or PCI card.

## 1.2 cPCI cards

Before adding or removing any modules from a cPCI board, you must first remove the insulation cover from the solder (under) side of the board.



### Removing the insulation cover

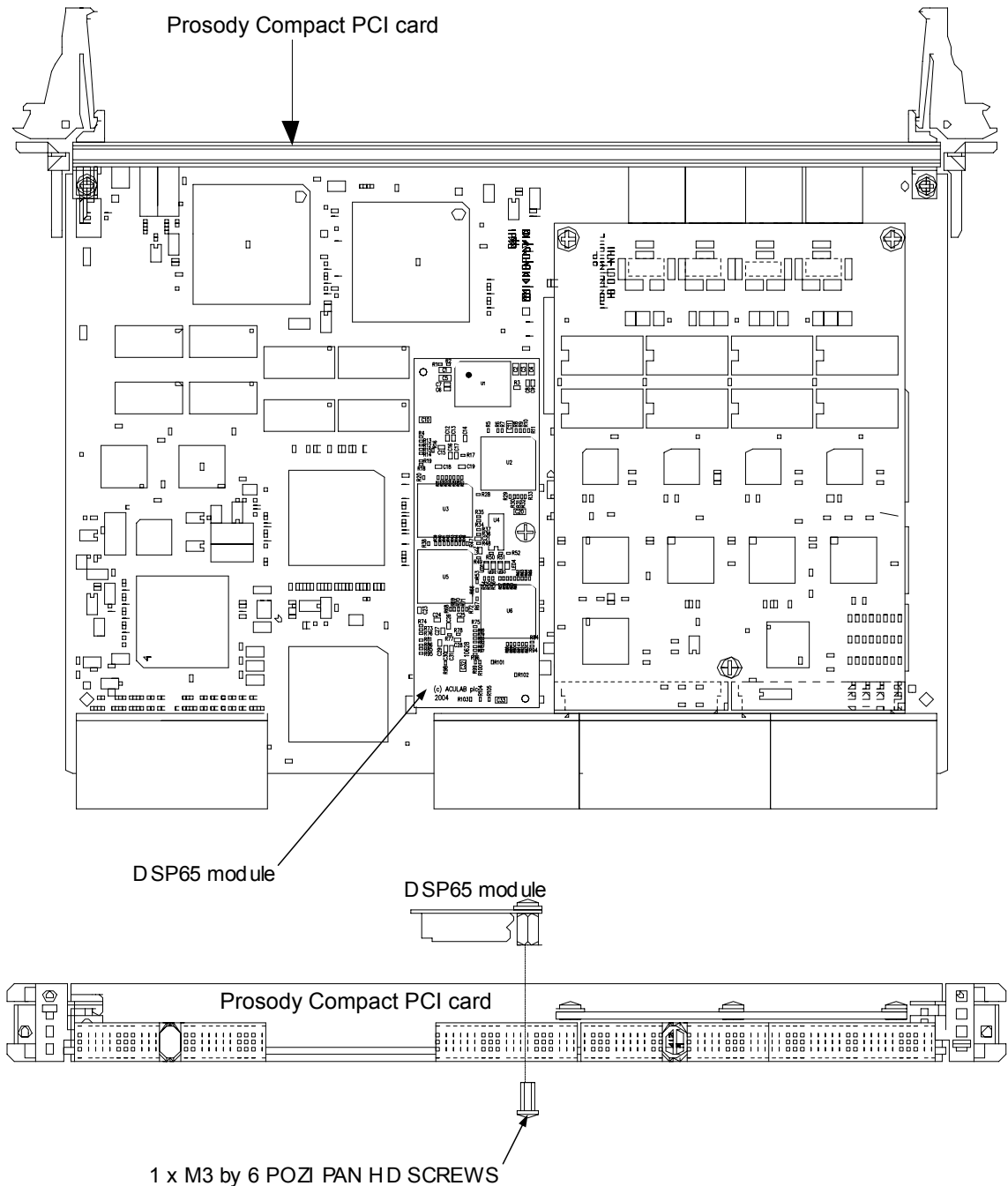
The cover is held in place by two plastic rivets, located towards the rear of the card, and two M2.5 screws on the front corners of the card.

The plastic rivets are a two-part system, an insert is fixed through a hole in the cPCI board, and the rivet is then passed through the cover into the insert, effectively securing the cover to the board. To release the rear of the cover, carefully extract the rivets.

To completely remove the cover, you must also remove the two M2.5 screws from the two front corners. Take extra care when removing these screws as they also secure the front panel to the board.

**Fitting a DSP65 module**

The following example cPCI card is a Prosody variant.



Ensure the correct orientation of the module, the fixing post should be towards the top of the cPCI card. Align the module sockets with the cPCI card connectors then carefully push them together. Insert the M3 fixing screw through the cPCI card into the module securing posts

**Module removal**

Removal of a module is the reverse procedure of installation. Take extreme care when separating the connectors from the sockets, any undue force could damage the module or cPCI card.

**Replacing the cPCI board insulation cover**

Replacing the insulation cover is the reverse procedure of removal. Take extra care not to damage any of the components on the front of the board when securing the cover and front panel with the two M2.5 screws.