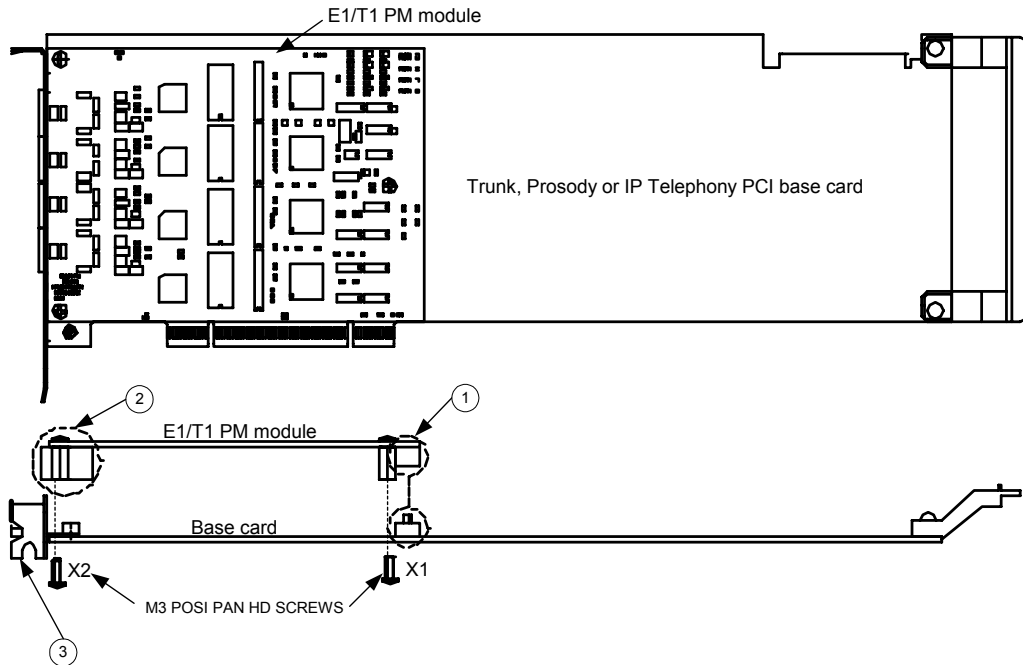


1 Fitting instructions for PM modules to Aculab PCI and cPCI cards

- 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 cards



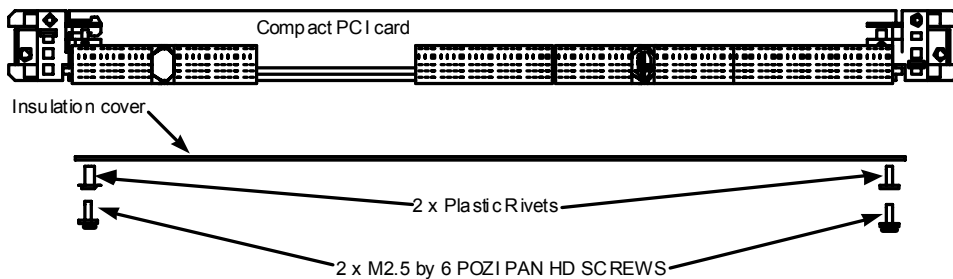
Fitting an E1/T1 PM or passive monitor module

Take care when inserting the RJ45 sockets (2) through the front faceplate (3) of the PCI card. Align the PM module socket with the PCI card connector (1) and gently but firmly push them together. Insert the three M3 fixing screws through the PCI card into the PM module securing posts

Fitting different types of PM module may require the front faceplate (3) to be changed. The faceplate is secured to the PCI card by two M3 fixing screws with washers.

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

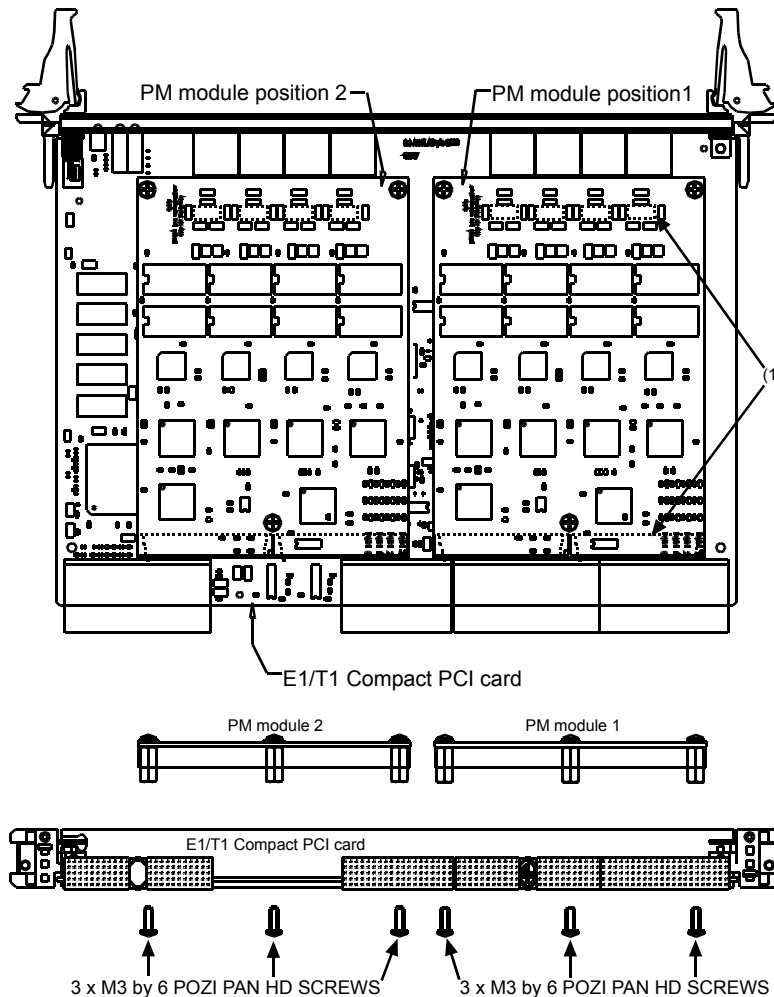
The cover is held in place by two plastic rivets, located towards the rear of the card, and two M2.5 screws on the front corners of the card.

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 an E1/T1 PM or passive monitor module

The following example cPCI card is an E1/T1 variant, Prosody and IP Telephony variants can only have one PM module, this is installed in position 1.



Align the PM module sockets at the front and rear of the card (1), with the cPCI card connectors then carefully push them together.

Insert the M3 fixing screws (3 per module) through the cPCI card into the PM module securing posts

With the E1/T1 variant, if a single PM module only is required it is fitted to PM module position 1. The unused RJ45 sockets for PM position 2 are fitted with blanking plugs

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.