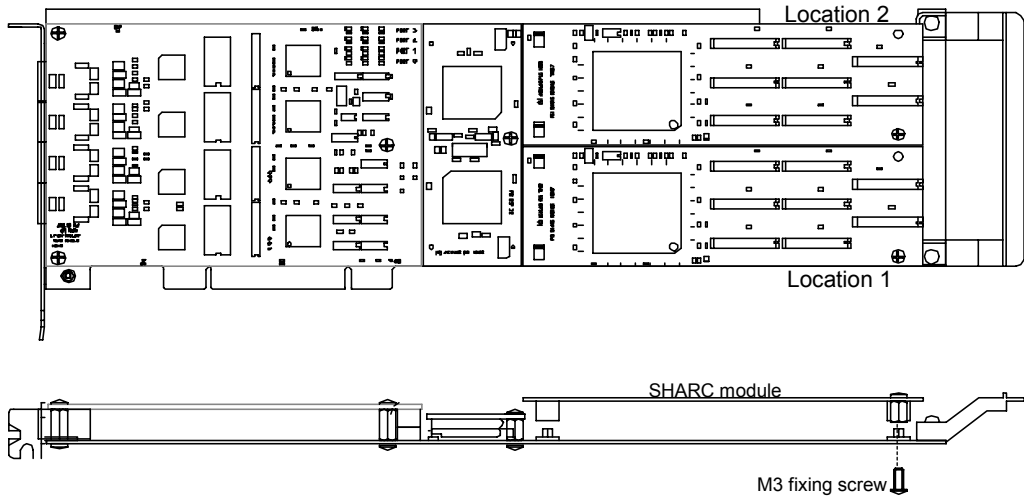


1 Fitting instructions for Prosody SHARC DSP modules to Aculab PCI cards

- 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

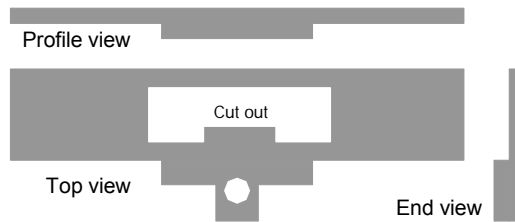


Fitting a Prosody SHARC module

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. Fit the SHARC module retaining clamp using the M3 fixing screws and post as appropriate.

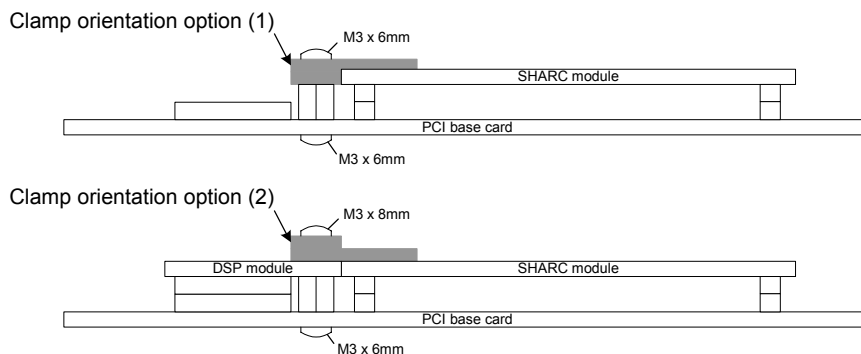
SHARC module retaining clamp

The SHARC module-retaining clamp is a bracket that fits on top of the post normally used to retain the DSP module. If no DSP module is fitted, a post will be required in addition to the clamp and retaining screw.



The cut out section is to prevent damage to the surface mount components on the SHARC module.

The orientation of the clamp is also subject to the fitting of a DSP. If no DSP is fitted (1), the raised portion of the clamp should point down, compensating for the absence of the thickness of the DSP module. If a DSP module is fitted (2), the raised portion of the clamp is not required and should point up away from the modules.



1.2 Fitting the clamp

The configuration of modules fitted to the PCI Prosody card determines the orienteering of the clamp (1 or 2) and the length of the retaining screw used: -

Base card only, no SHARC modules fitted	- No clamp required
Base and DSP	- standard DSP fixing, No clamp required
Base, with one or two SHARC modules fitted	- Clamp, spacer & 2 x M3 x 6mm Screws – option (1)
Base, DSP, and one or two SHARC modules fitted	- Clamp and replace existing M3 x 5mm screw with M3 x 8mm Screw – option (2)

Note When using the clamp, a washer is not required between the screw head and the clamp.