

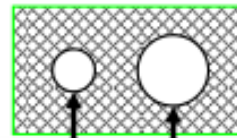
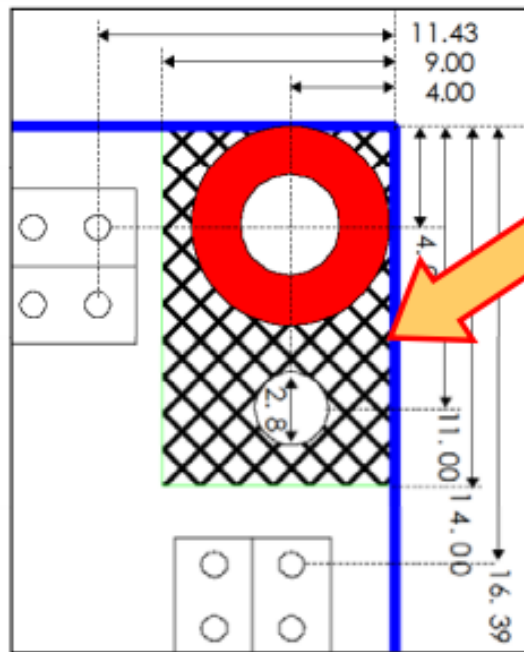
Notice about FINNESSE installation

From Higuchi-san's 2009 slides

“FINNESSE Developer's guide (Belle note #791)”

Plugging Out FINESSE from COPPER

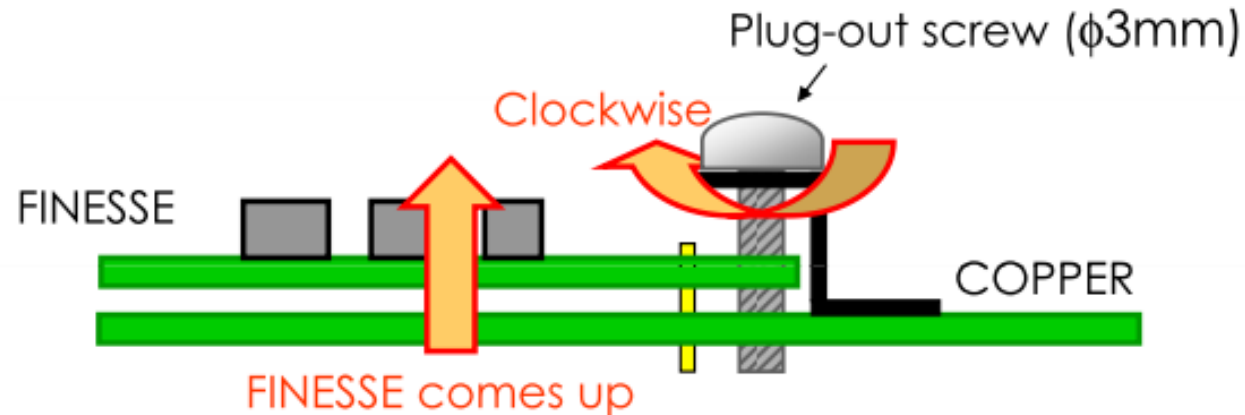
- The FINESSE has total 116 pins contacting with the COPPER. It is impossible to plug out the FINESSE by hand.



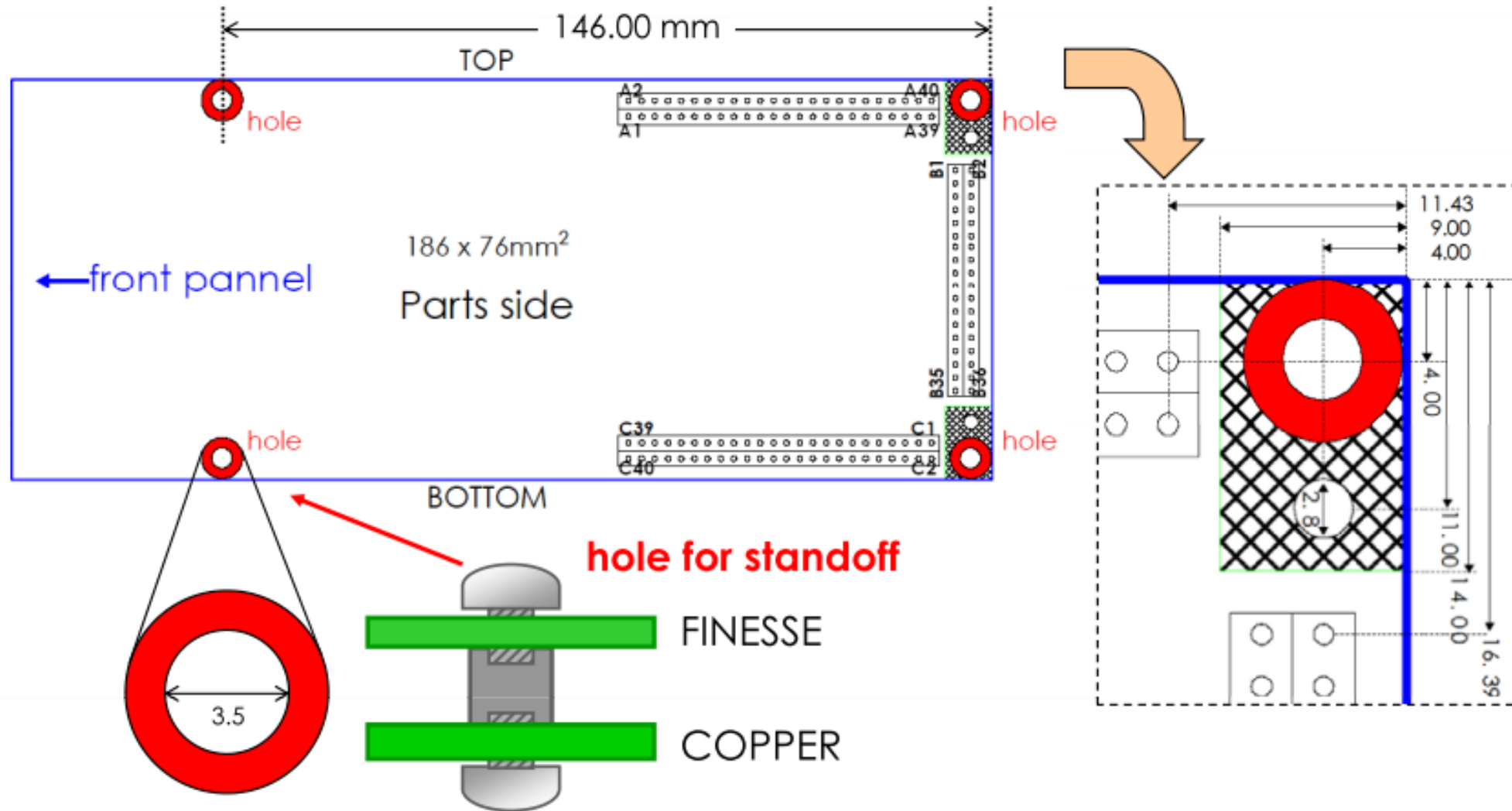
This part (small metal chip) is to plug out the FINESSE from the COPPER.

$\phi 3\text{mm}$ screw hole for the plug-out screw.
 $\phi 2.8\text{mm}$ screw hole fixing this part to FINESSE.

Do not forget to attach these chips on a FINESSE card, before you install it on a COPPER board. (Metal chips are available on Tsukuba B3F) Otherwise you cannot plug out it later!



FINESSE Dimensions

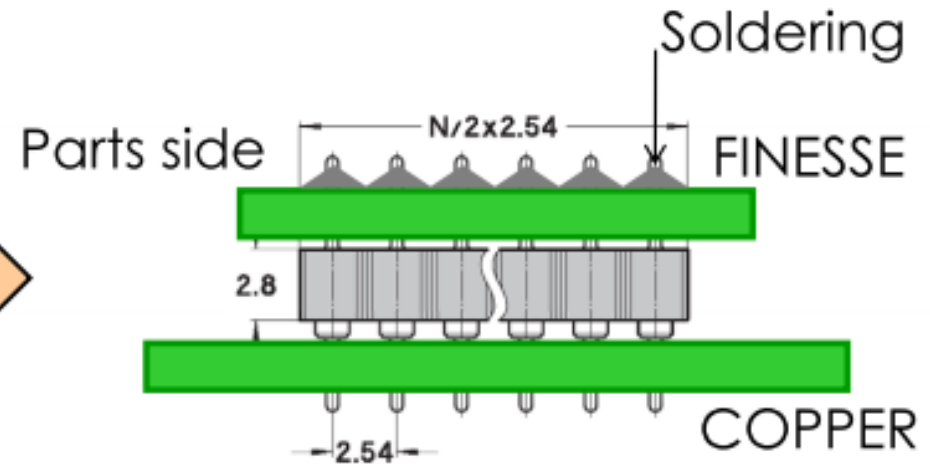
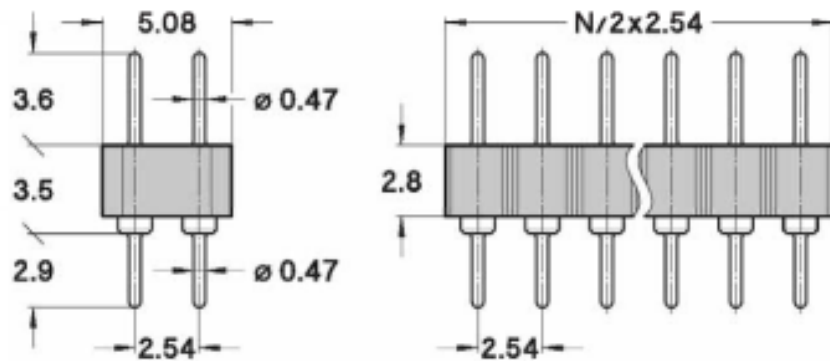


Appendix

FINESSE/COPPER Connectors

- Straight, normal pitch
- 40 pins (20 x 2-rows) for connector-A,C
- 36 pins (18 x 2-rows) for connector-B
- PRECI-DIP, 450-10-2xx-00-006001 (KEK elec. group uses)

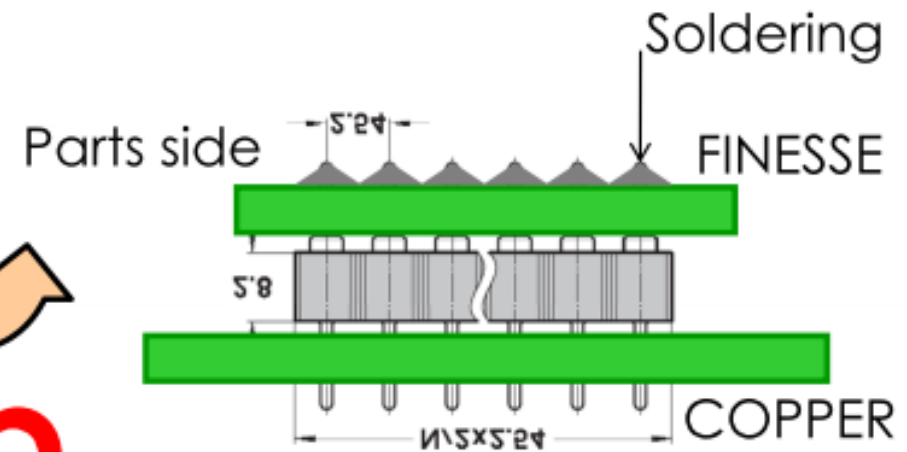
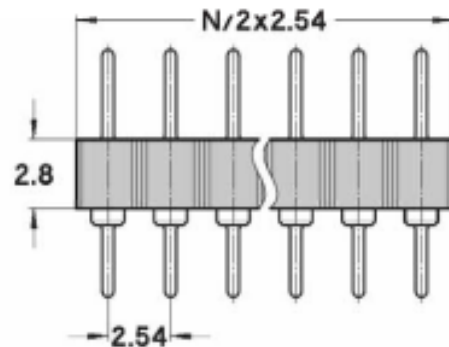
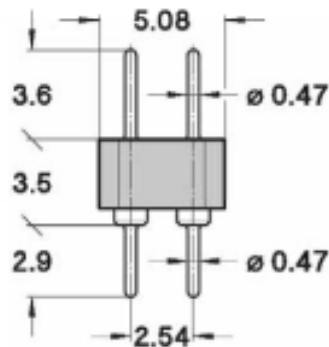
OLD



FINESSE/COPPER Connectors

- Straight, normal pitch
- 40 pins (20 x 2-rows) for connector-A,C
- 36 pins (18 x 2-rows) for connector-B
- PRECI-DIP, 450-10-2xx-00-006001 (KEK elec. group uses)

NEW



For easier replacement of connector in case of bug