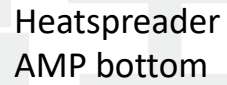


Screw 2

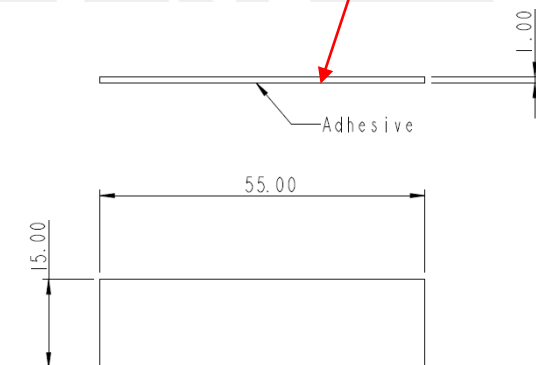
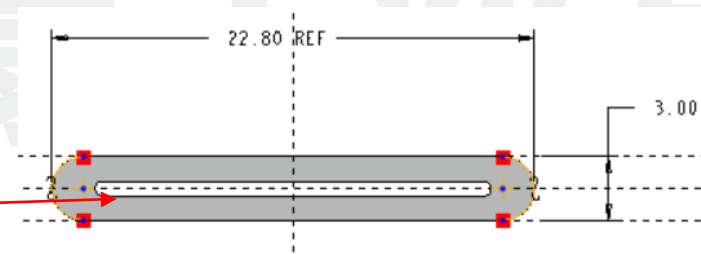
Screw 1

Heatspreader
SOC top



Ferrite core

Heatspreader
SOC top



The gap between Heatspreader AMP bottom and Heatspreader SOC top is 5mm, and the thickness of ferrite core plus sponge is 5mm. The screw1 and screw2 will interfere with sponge.

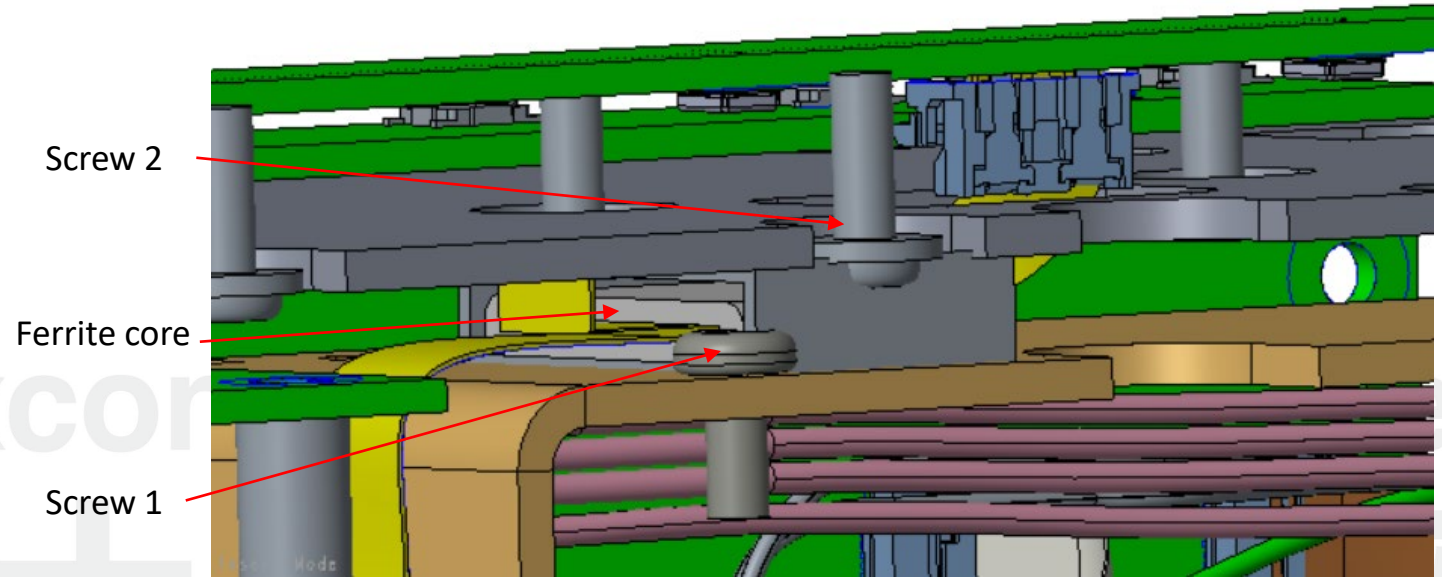
Ferrite core interference

Ferrite core interferes only with screw2



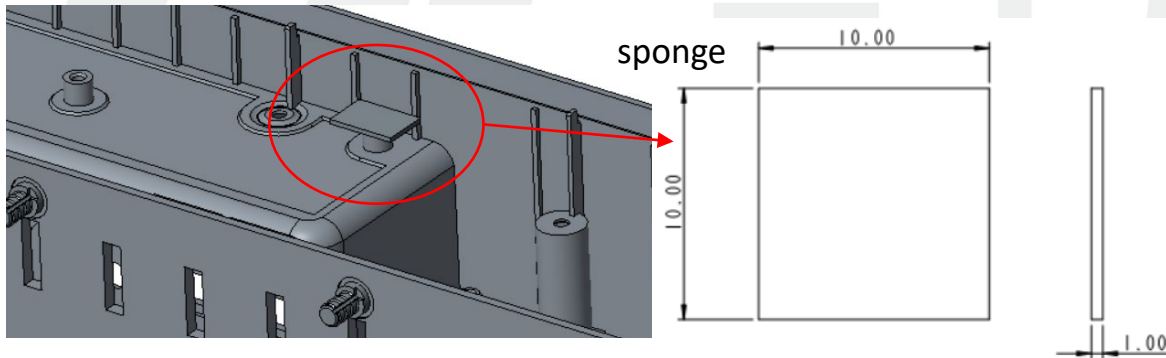
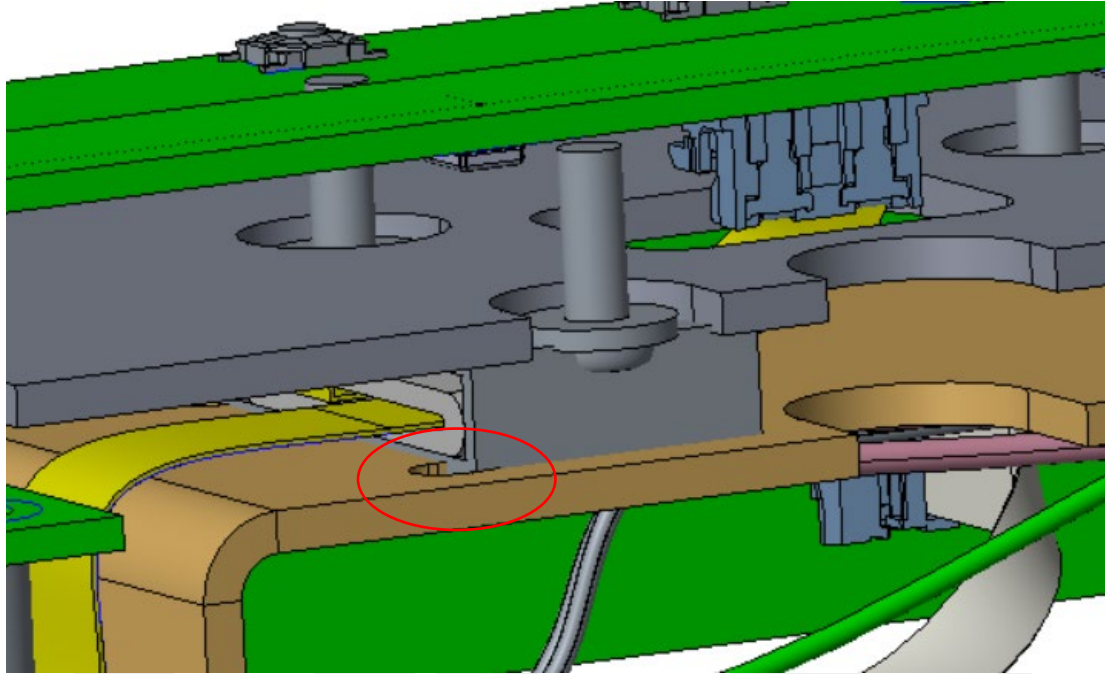
After locking top cover and bottom cover 6 times, the ferrite core is still undamaged.

Interference between ferrite core and screw1 & screw2



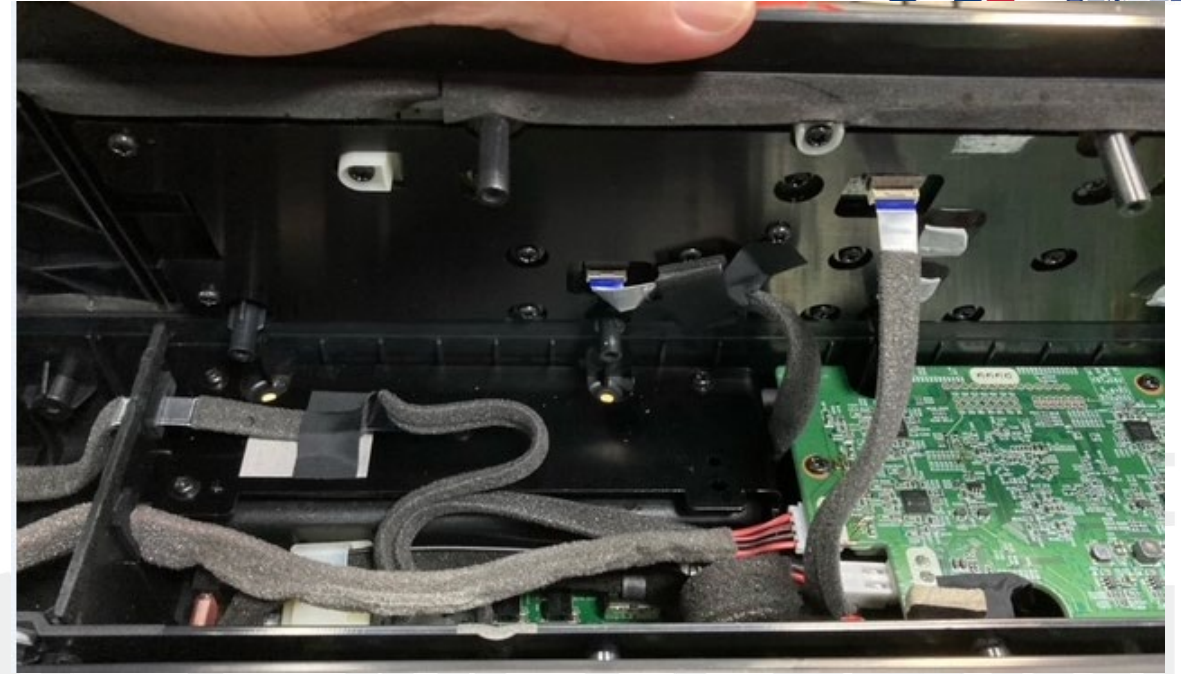
After locking top cover and bottom cover, the ferrite core is damaged.

Short-term solution



Remove the screw1 when using a short FFC cable, and paste a sponge(10*10*1mm) on the screw boss to avoid audible noise.

Long-term solution



Lengthen FFC cable, and fix ferrite core on top cover with 3M tape to avoid screw1.