





**ShwayComs Rymdtorget PRV Reference : 1000454-7**

[www.shwaycoms.com](http://www.shwaycoms.com)

[ShwayComs Rymdtorget CA-01 and CA-02 processor cooler](#)

## Legend table CA-01

	Represents < 1mm thick pan basin floor
	Represents 2mm thick pan basin floor
	Represents 5mm thick pan basin floor
	Represents 19mm high wall

Marking # Marking text shown in blue for the case floor

Clean drill through

3mm hole

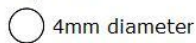


Bump pimple patern sink # 1

Pimple patern bumps

top view

front view



4mm diameter

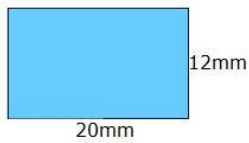


2mm height

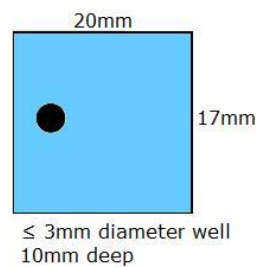


4mm height

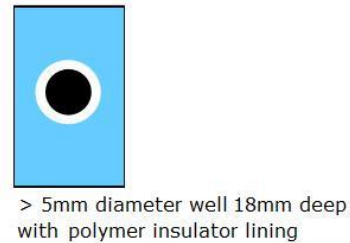
Top view refrigerate block



Front view refrigerate block



Right side view refrigerate block



Filter



Represents particle filter

## Case finishing

The outer surface of the level 1 case is finished with a porous ceramic coating to arrest condensation drip .

The CA-01 level 1 case is made from cast iron which is then copper plated.

The CA-01 level 2 case is made from any choice of material and production method.

CA-01R can be produced without CC-01 socket to suit adapted functional roles.

## Refrigerant

The CA-01 refrigerant for fluid thermal transfer is enhanced methanol and water based amonia solution.

Bracket insert # Br1

top view

bottom view

side view alt a

side view alt b

front view alt a

front view alt b

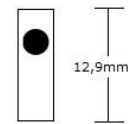
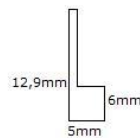
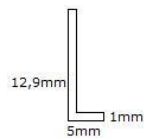
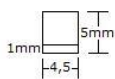
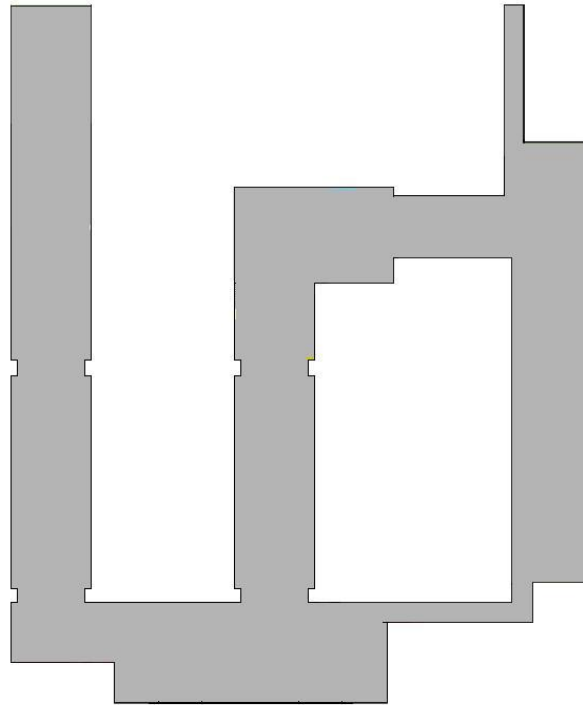


Plate insert # P1  
3mm thick




Bump patern level 2 top surface  
Pimple patern bumps

top view

○ 4mm diameter

Cross section front view

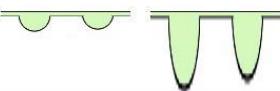
 2mm deep surface bowl sink

Bump patern level 2 underside  
Pimple patern bumps

bottom view

○ 4mm diameter

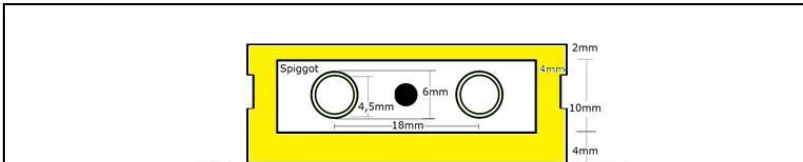
Cross section front view

 2mm ~ 6mm staligtite

Front view



Rear view



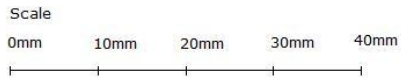


Figure 1 chamber dimensions level 1  
 Flat underside

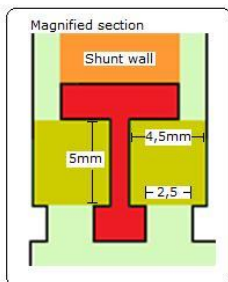
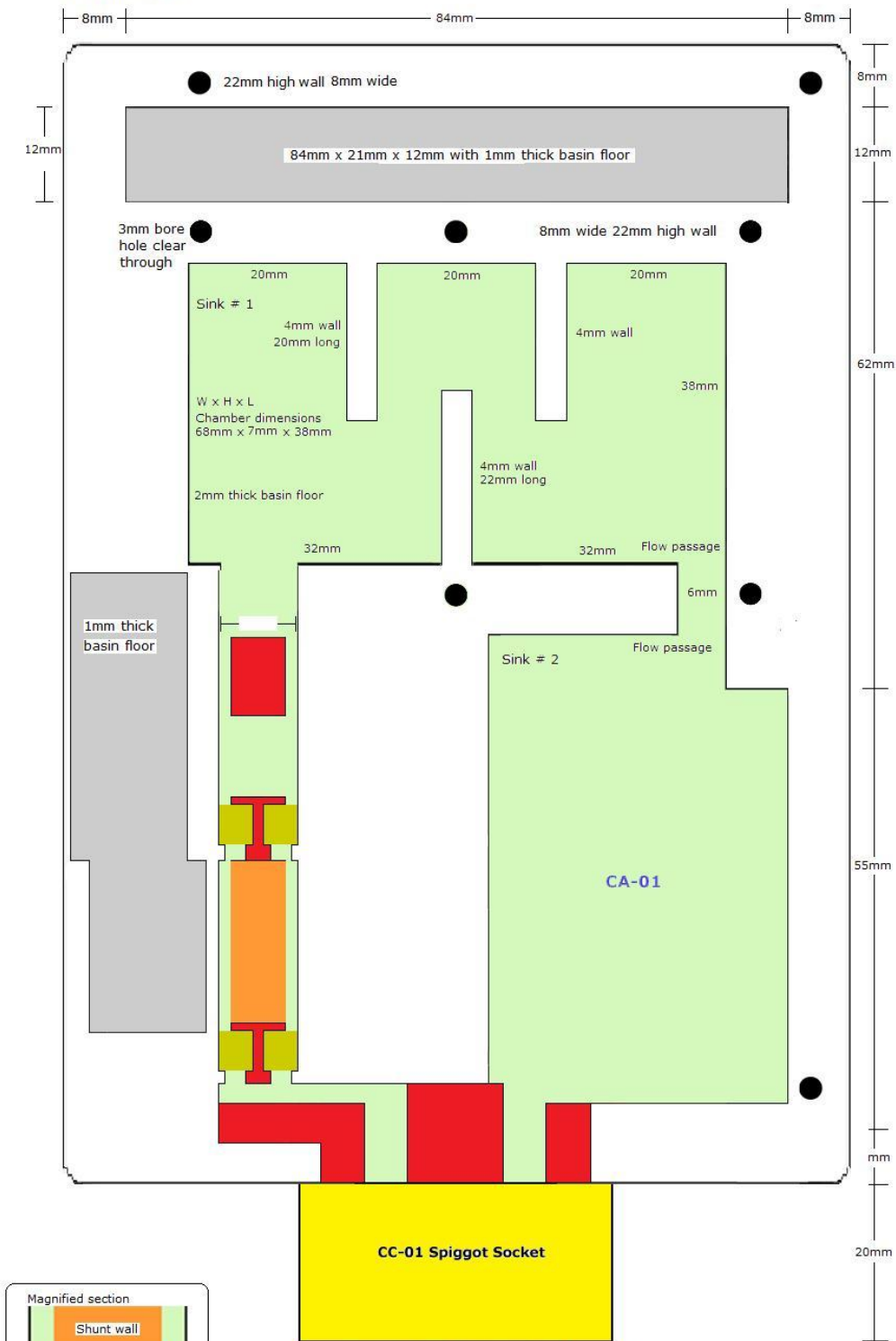


Figure 2 complete CA-01 level 1

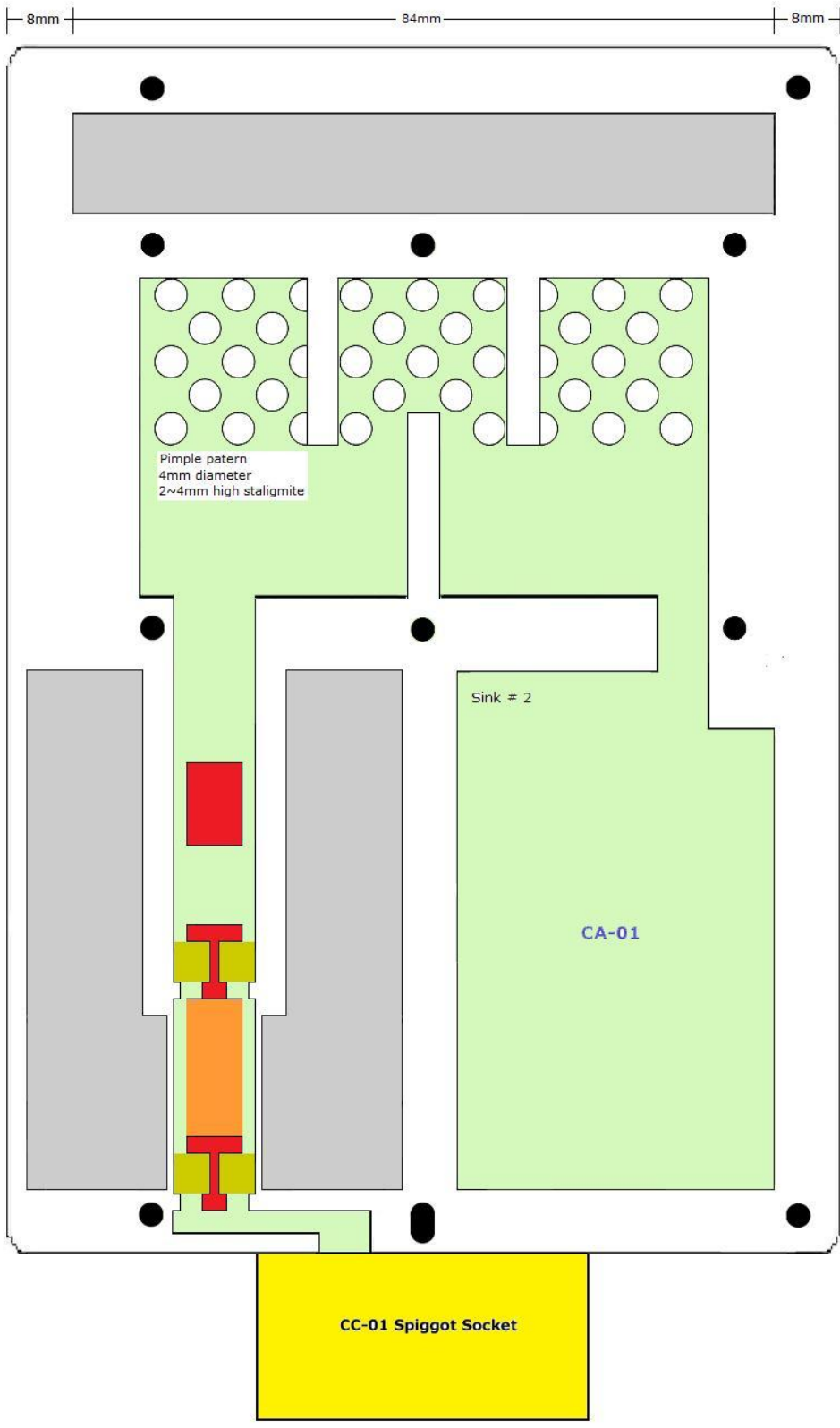


Figure 2b underside view of CA-01 level 1

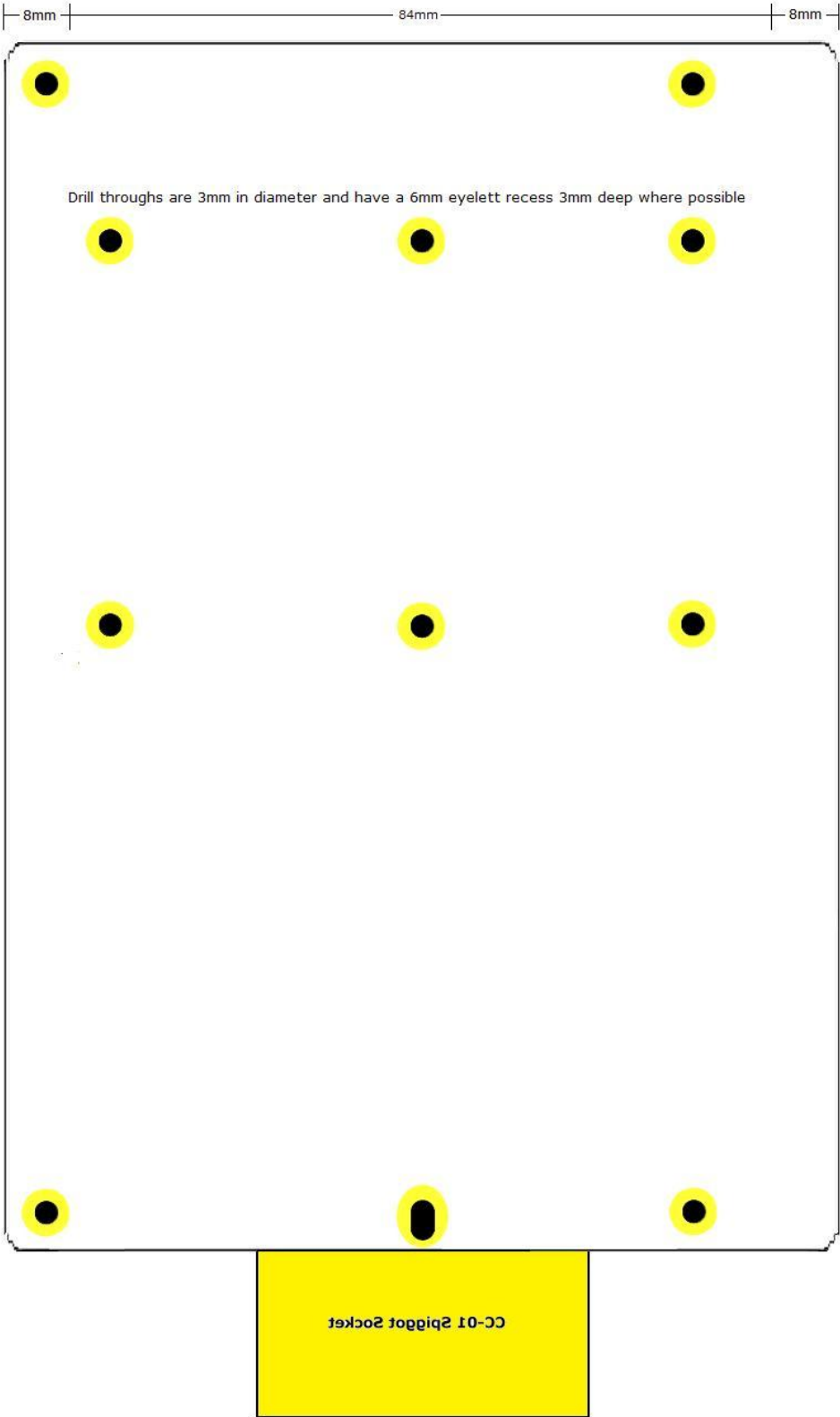


Figure 3 chamber dimensions level 1 CA-01R : Refrigerate

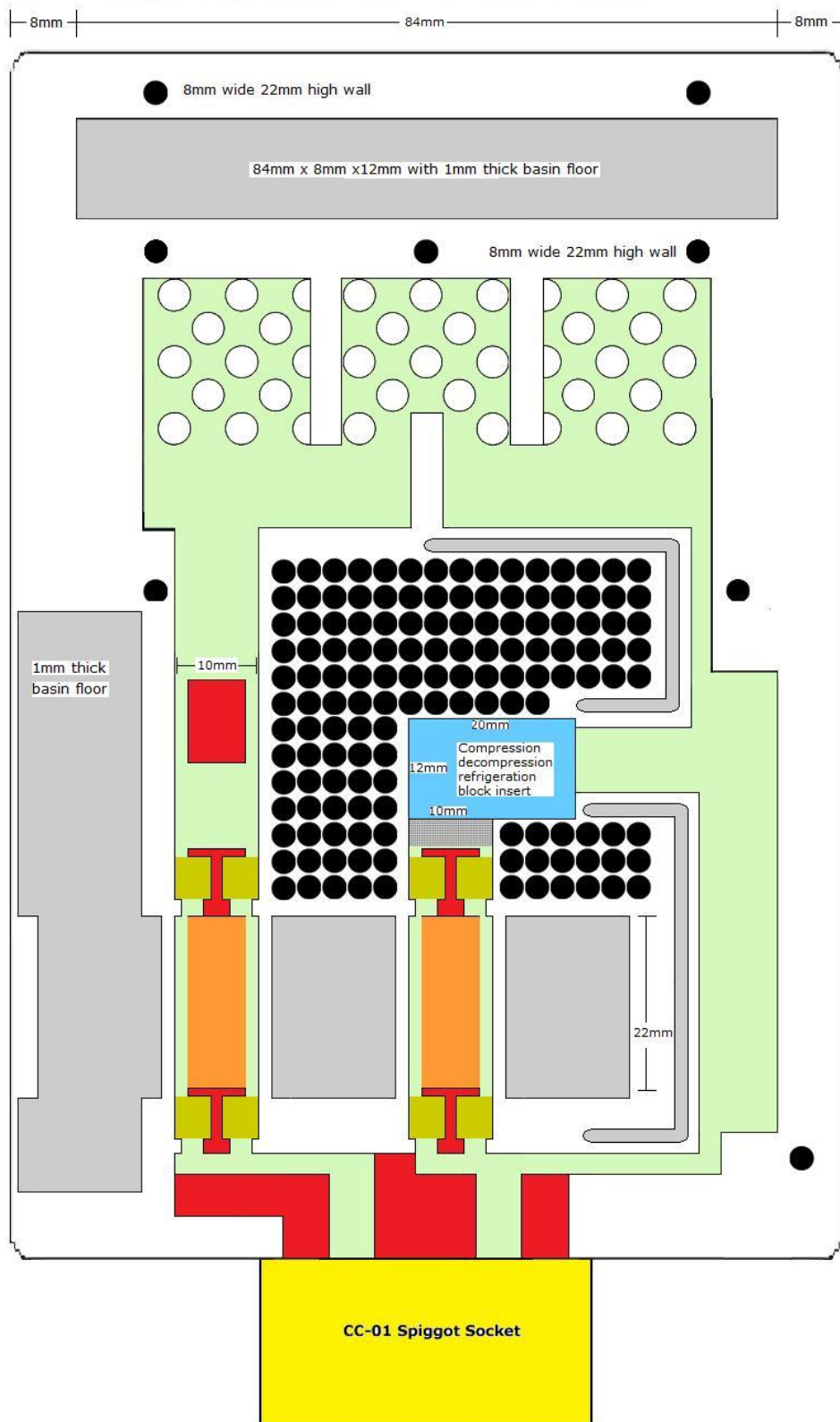


Figure 3b example of CA-01R with optional ventilation area manifold

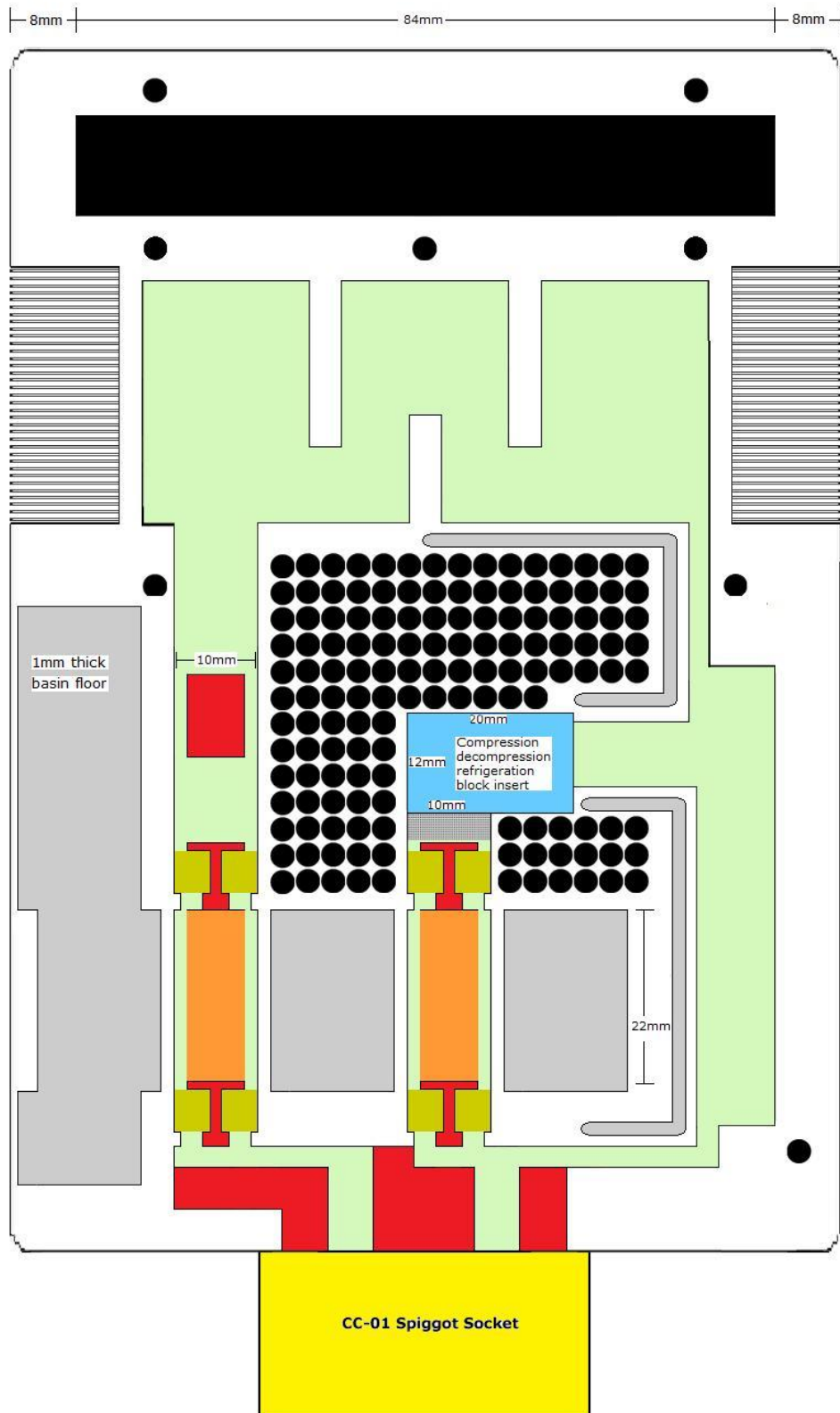
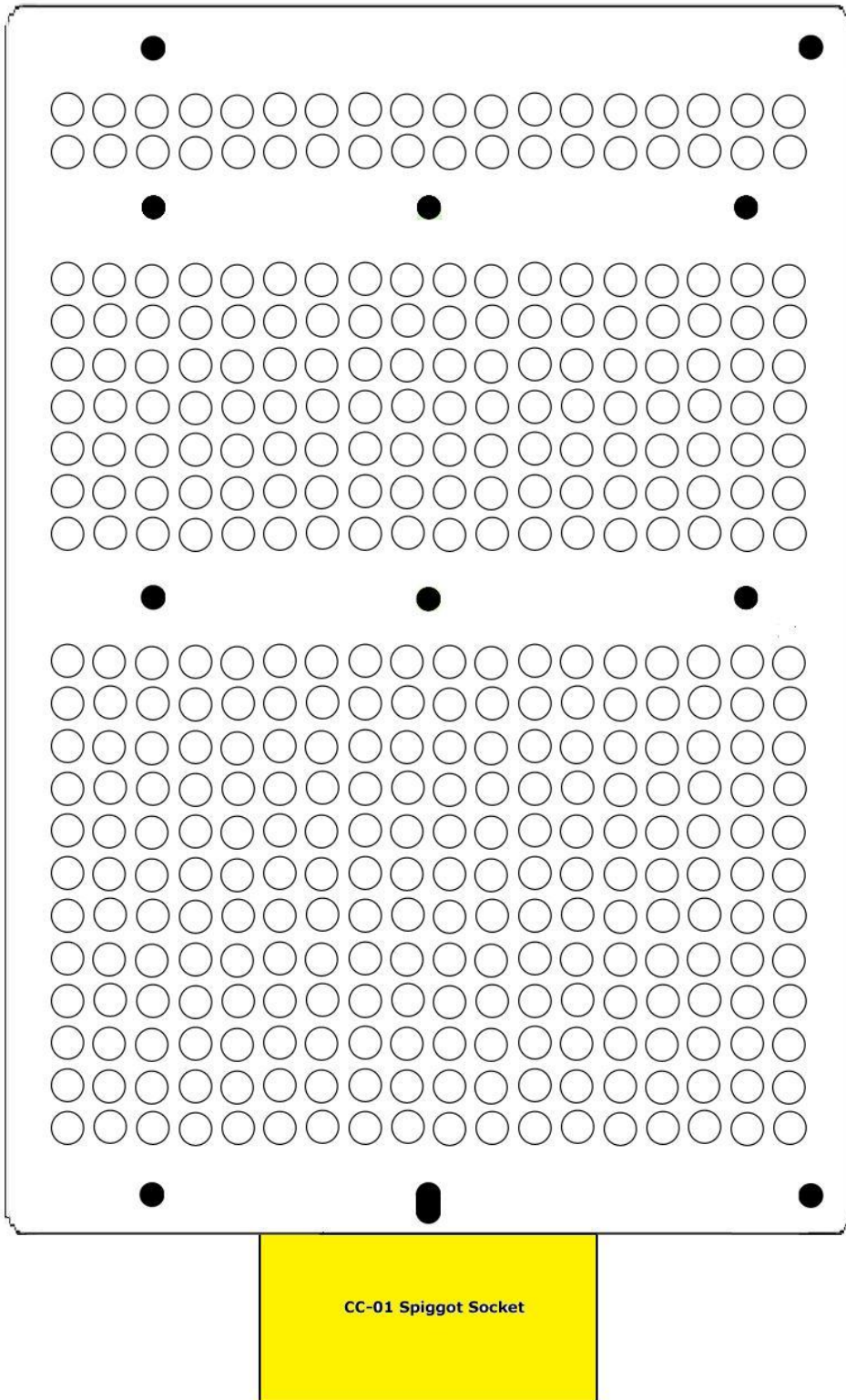




Figure 4 CA-01 level 2 top view 3mm thick plate



CC-01 Spigot Socket

Figure 5 CA-01 level 2 underside view 3mm thick plate

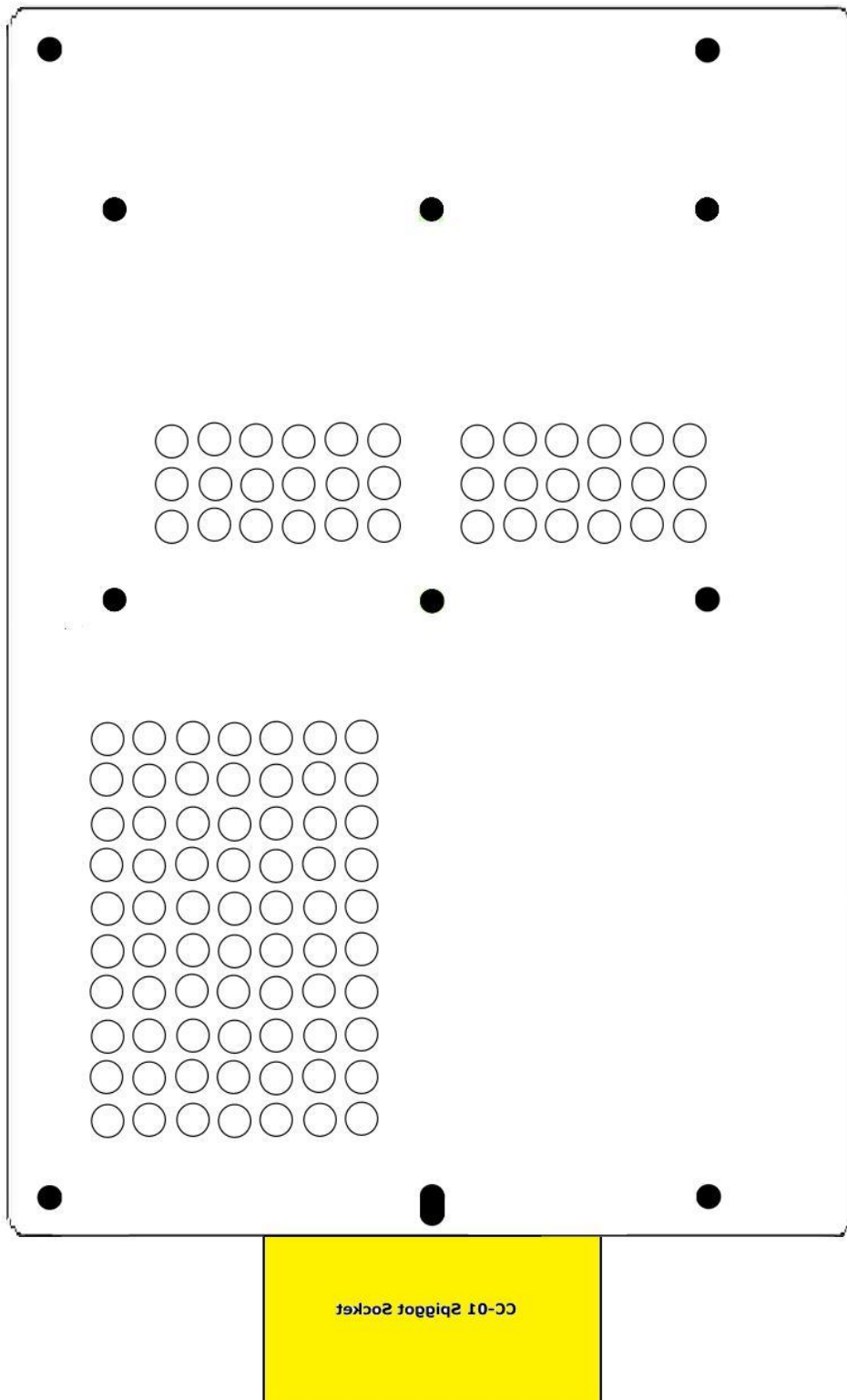
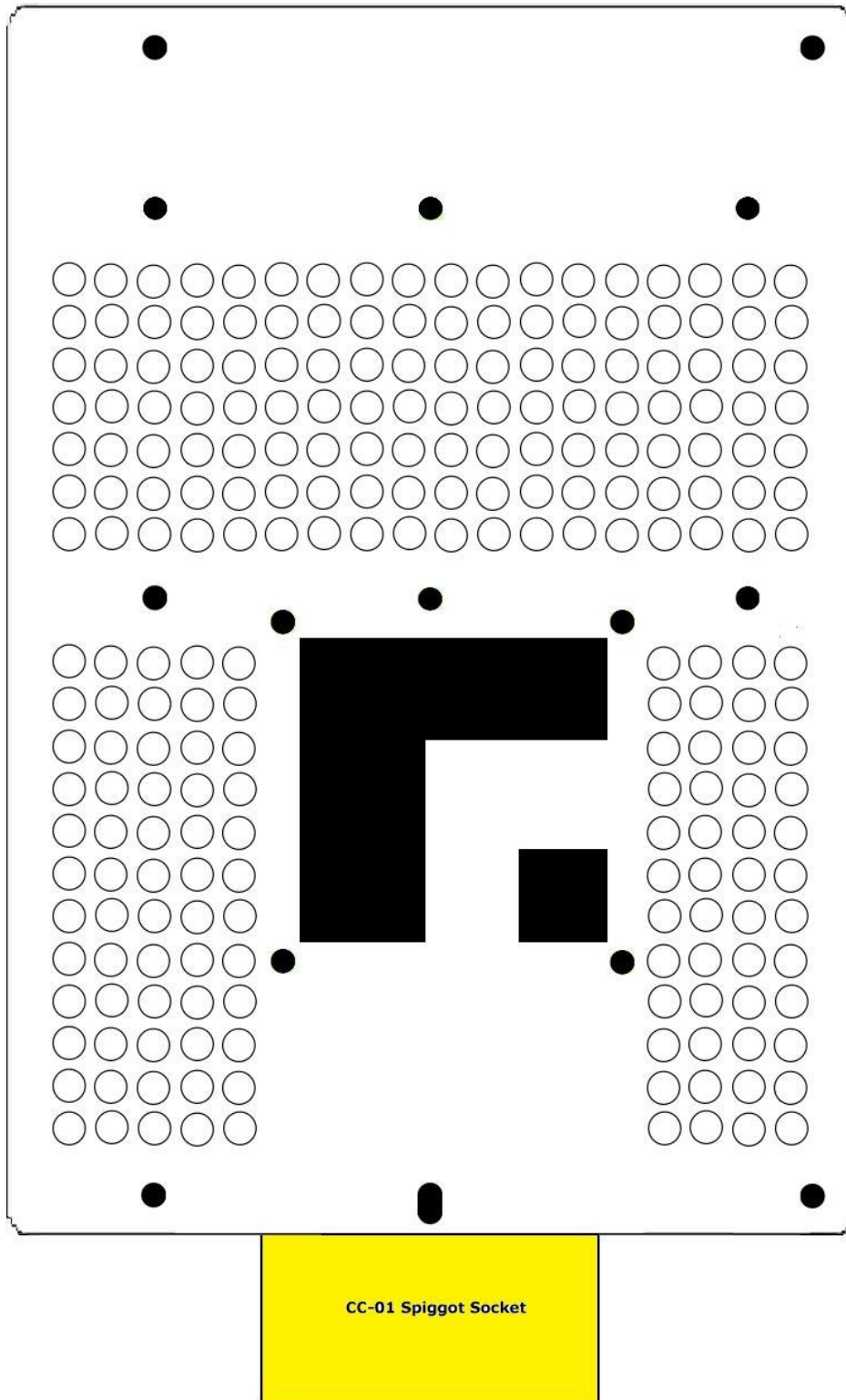
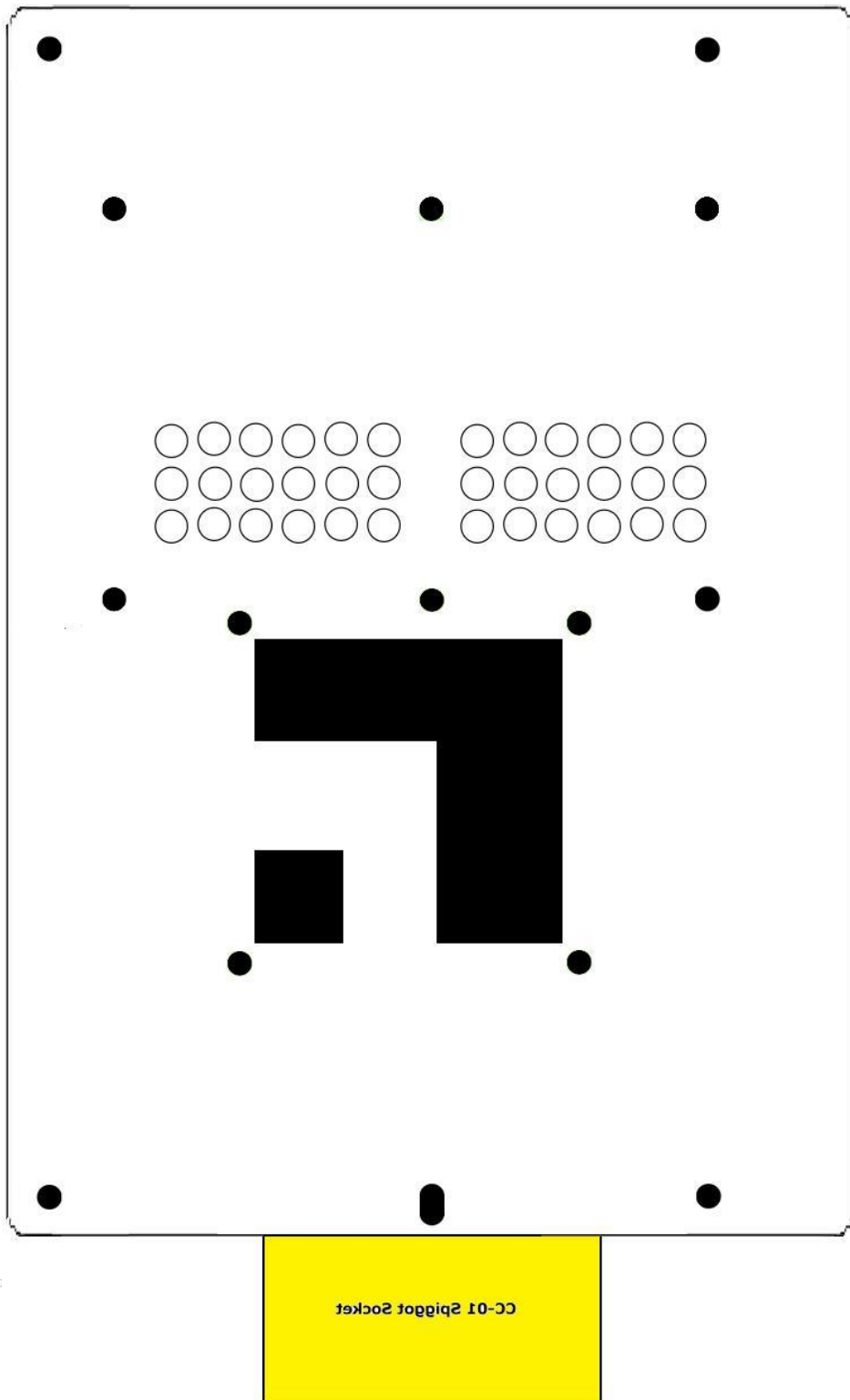


Figure 6 CA-01R level 2 top view 3mm thick plate

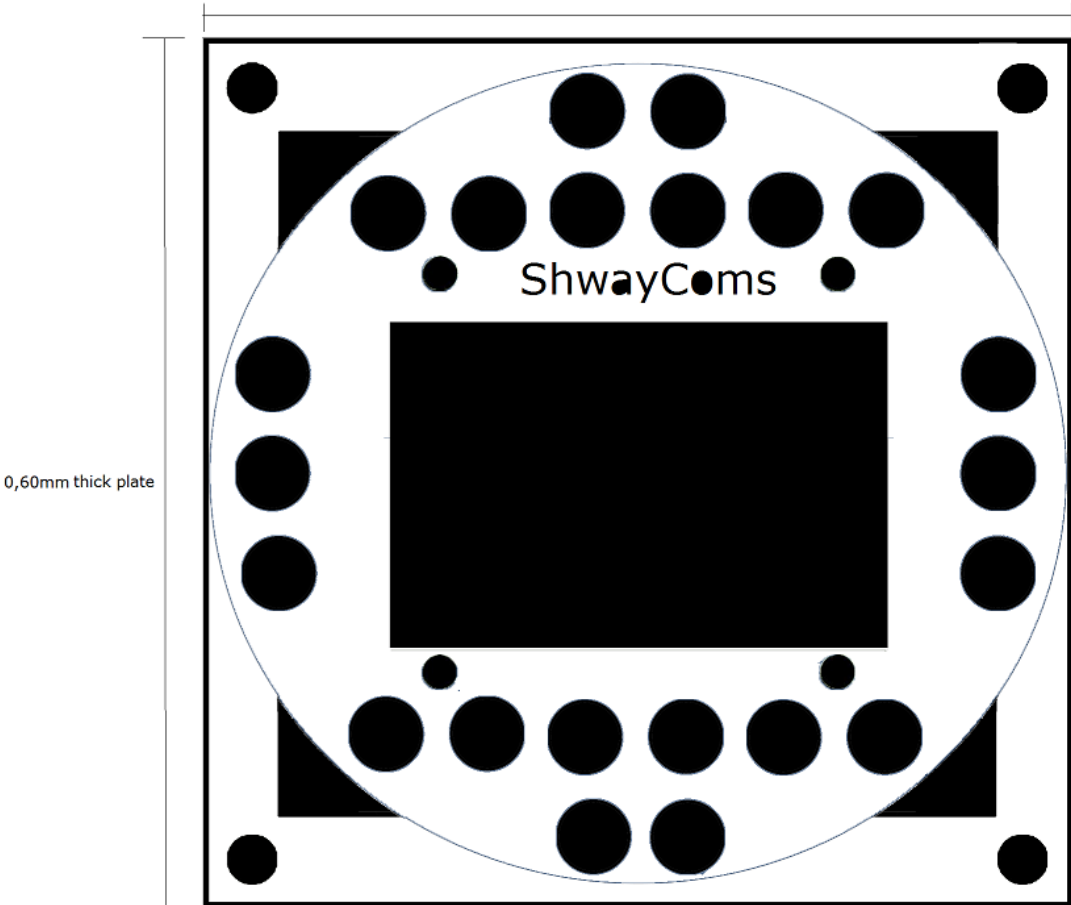
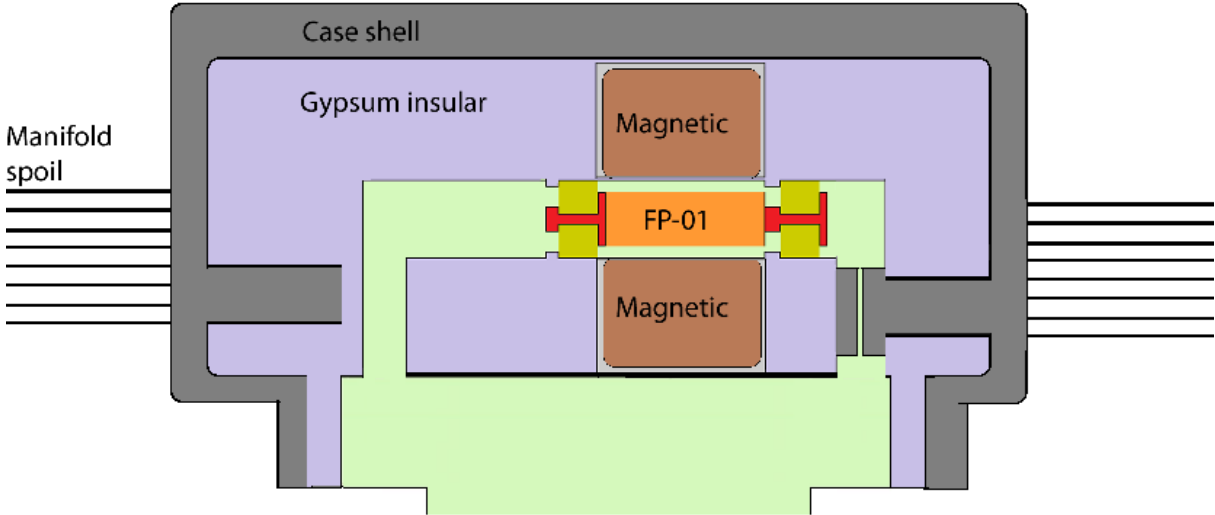


CC-01 Spigot Socket

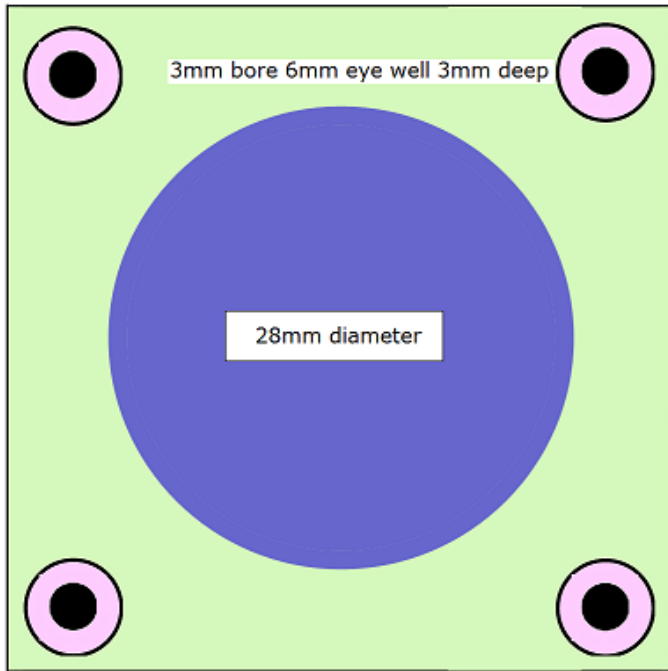
Figure 7 CA-01R level 2 underside view 3mm plate



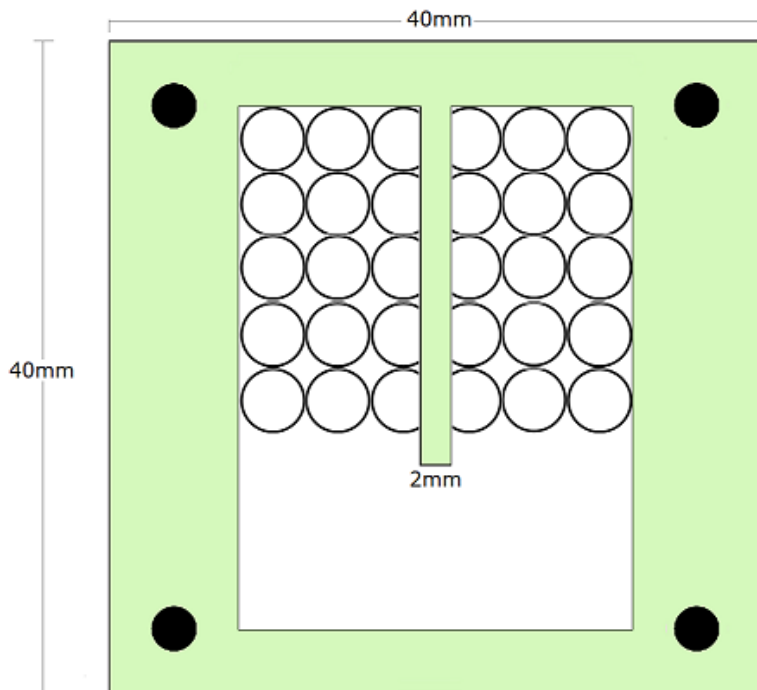
**CA-02 Singular processor cooler**

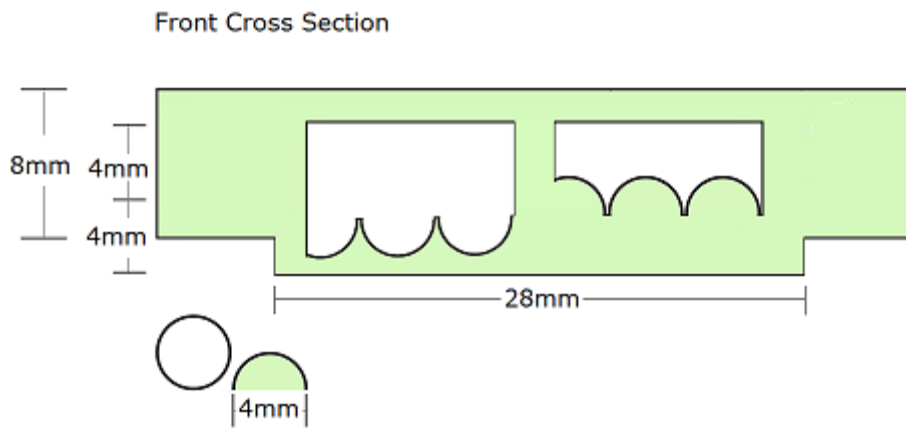


Bottom View



Internal Cross Section





Claims : This type of processor cooler fan free and superconductor chip model with fan mount, refrigeration and injection weld mold fitted connectors does not exist for computer equipment.