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| Group 1 |
| Controlled Environment Monitors |
| Manufacturing Document |

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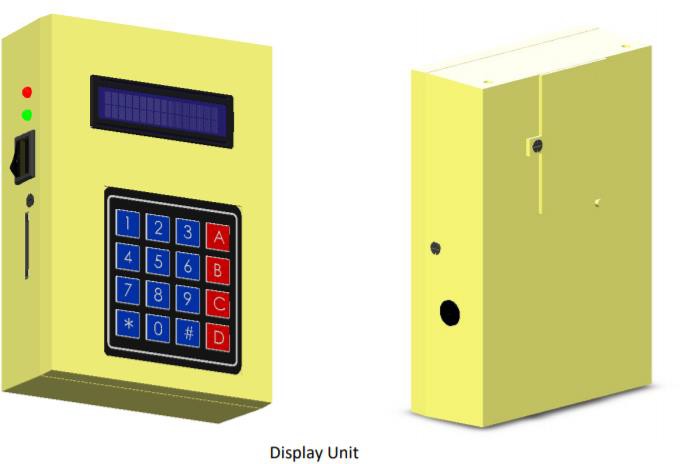
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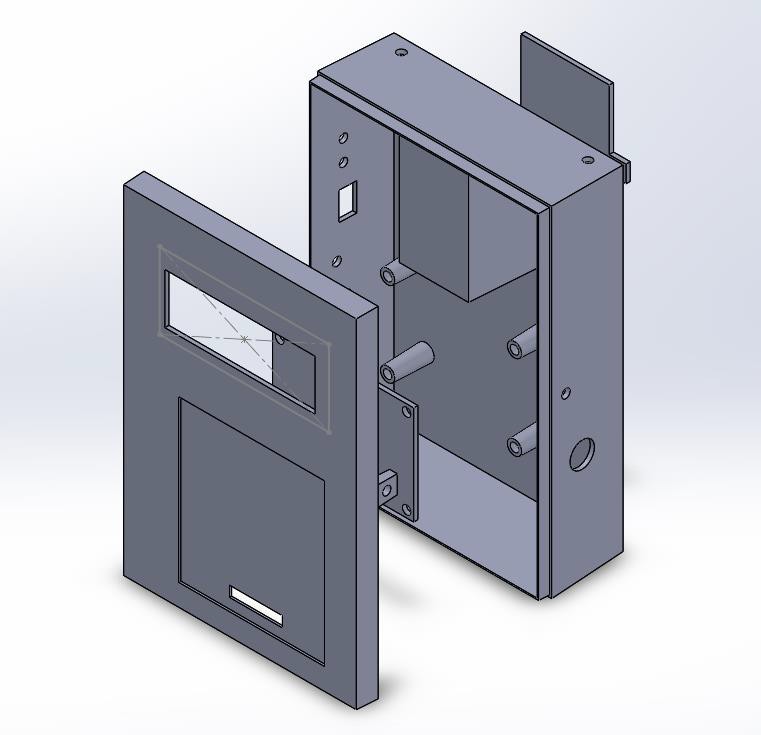
[Battery Cover 14](#_bookmark13)

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# Display Unit Manufacture

## Enclosure



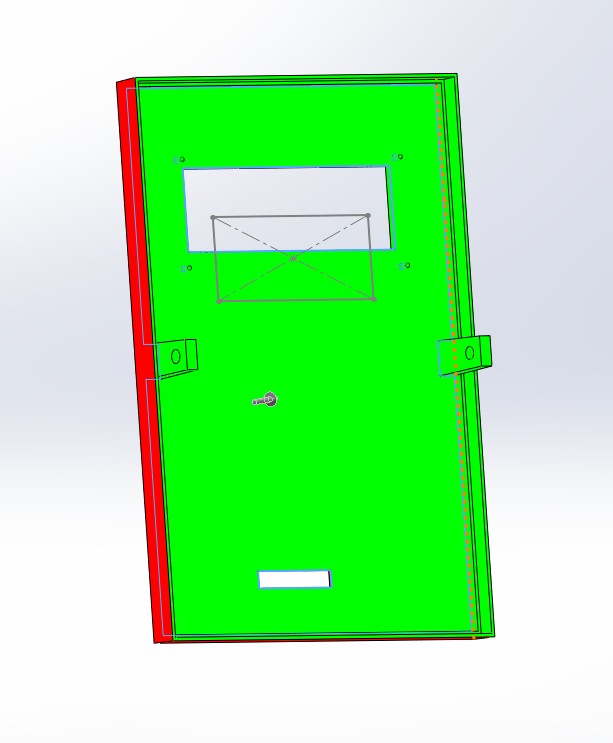


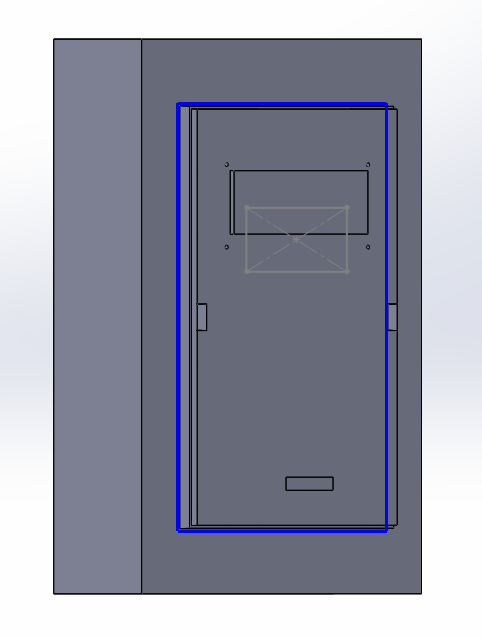
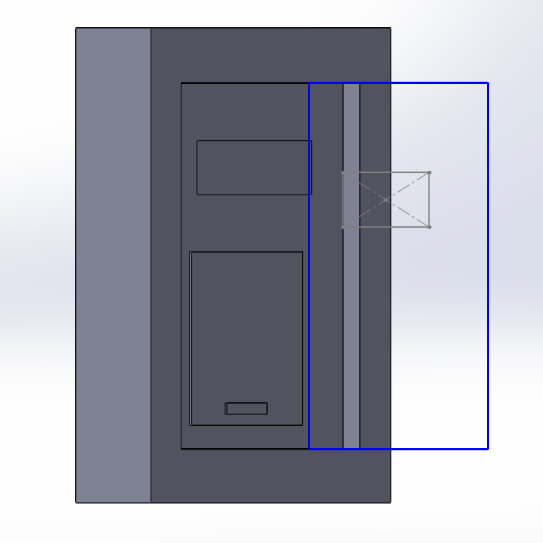
## Components

The display unit enclosure consists of 3 components that are manufactured by injection molding. All units are to be molded using hard plastic.

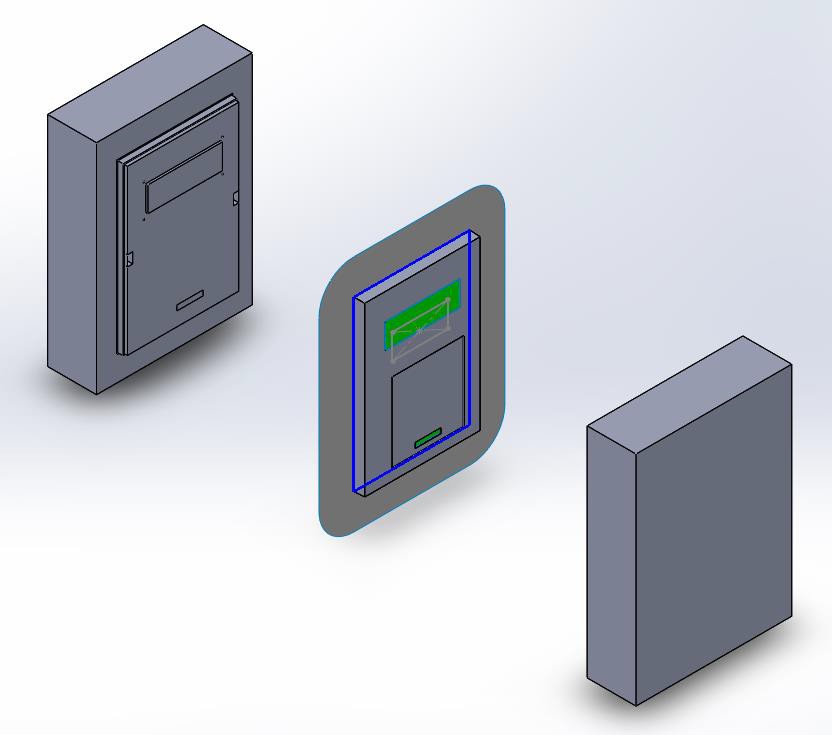
1. Top Cover
2. Bottom Cover
3. Battery Cover

## Top Cover

*Draft Analysis*

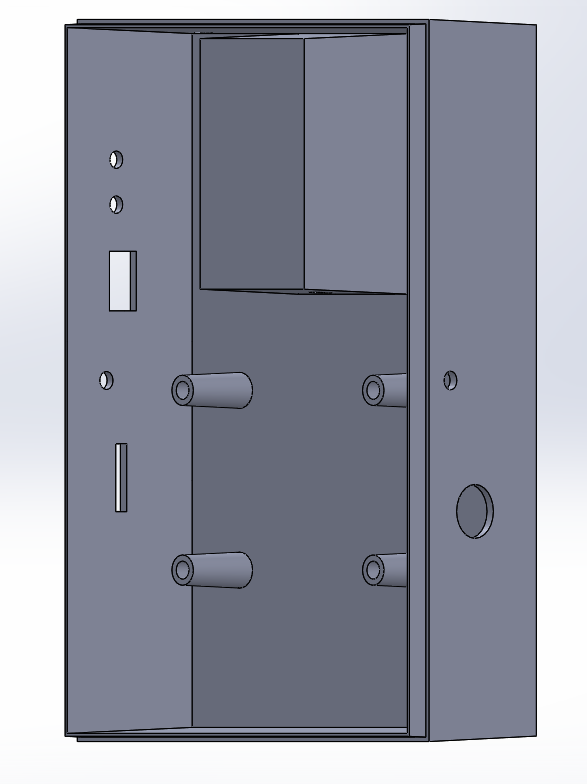
*Mold Components*

Cavity Core

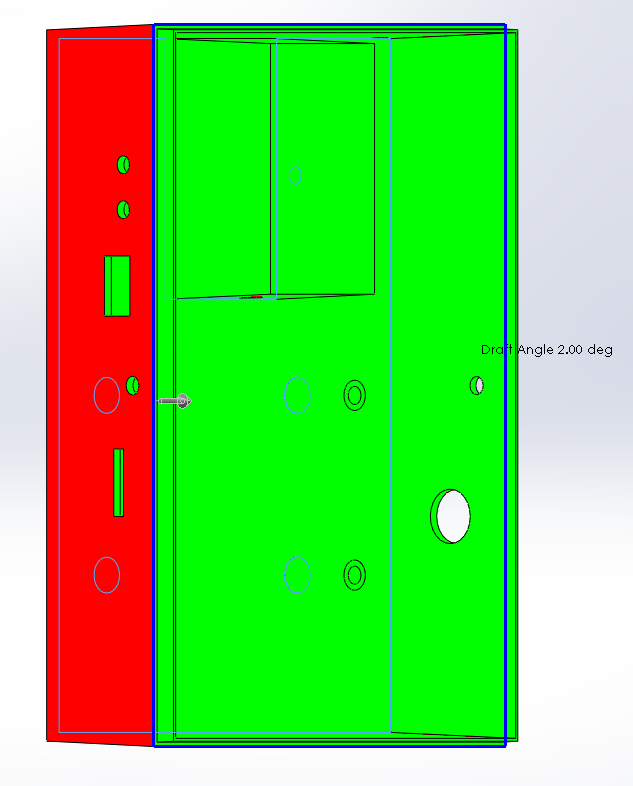


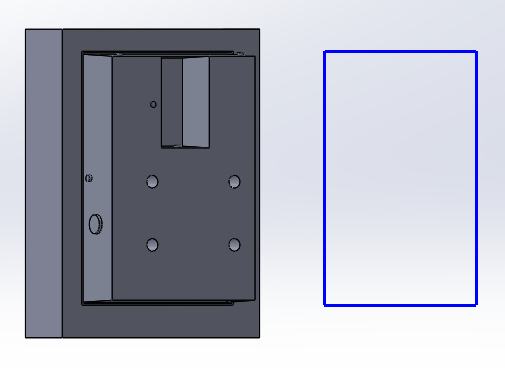
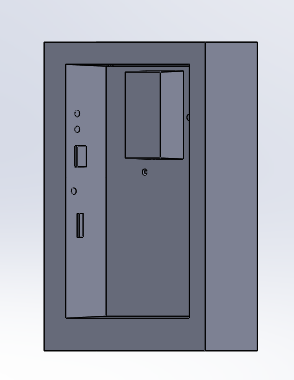
Exploded view of mold

## Bottom Cover

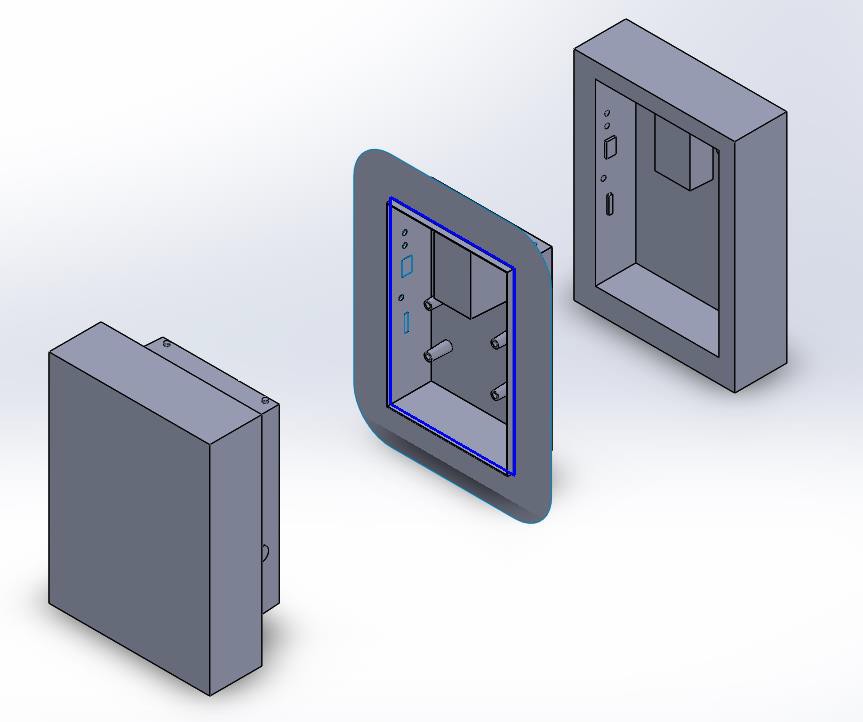


*Draft Analysis*



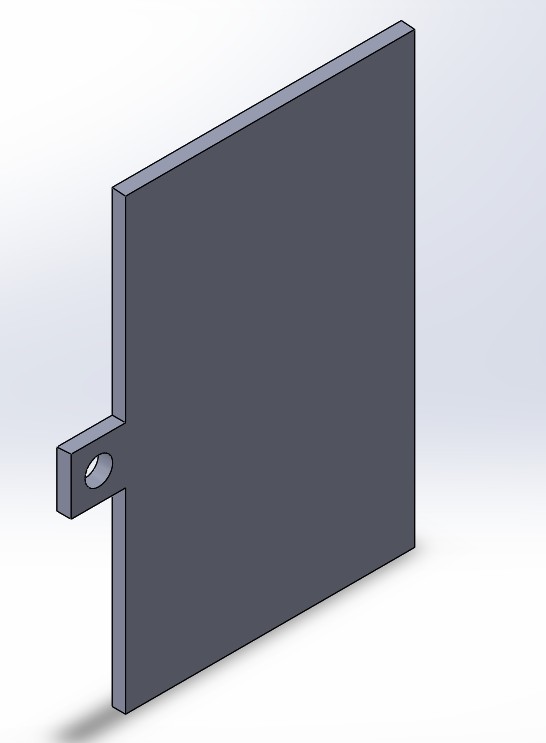
*Mold Components*

Core Cavity

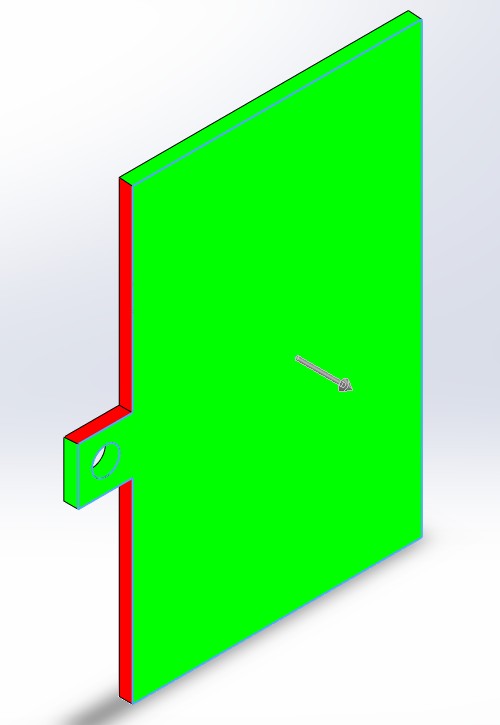


Exploded view of Mold

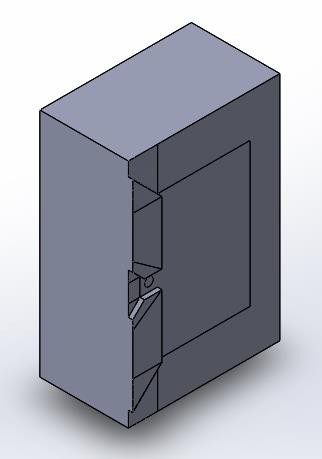
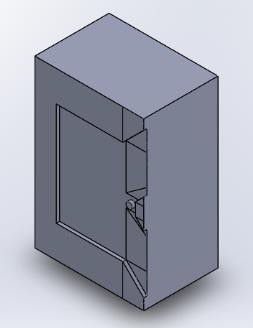
## Battery Cover



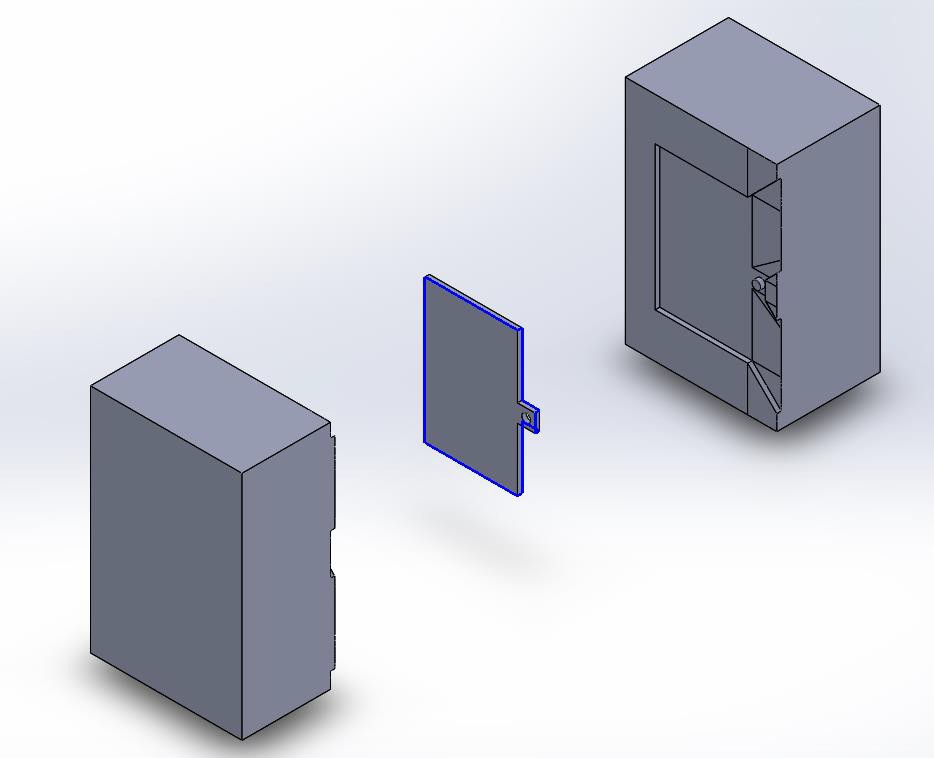
*Draft Analysis*



*Mold Components*

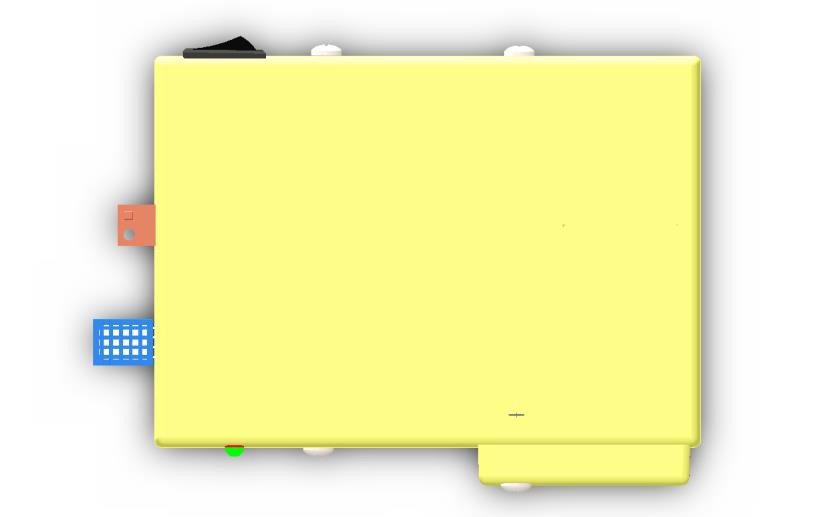
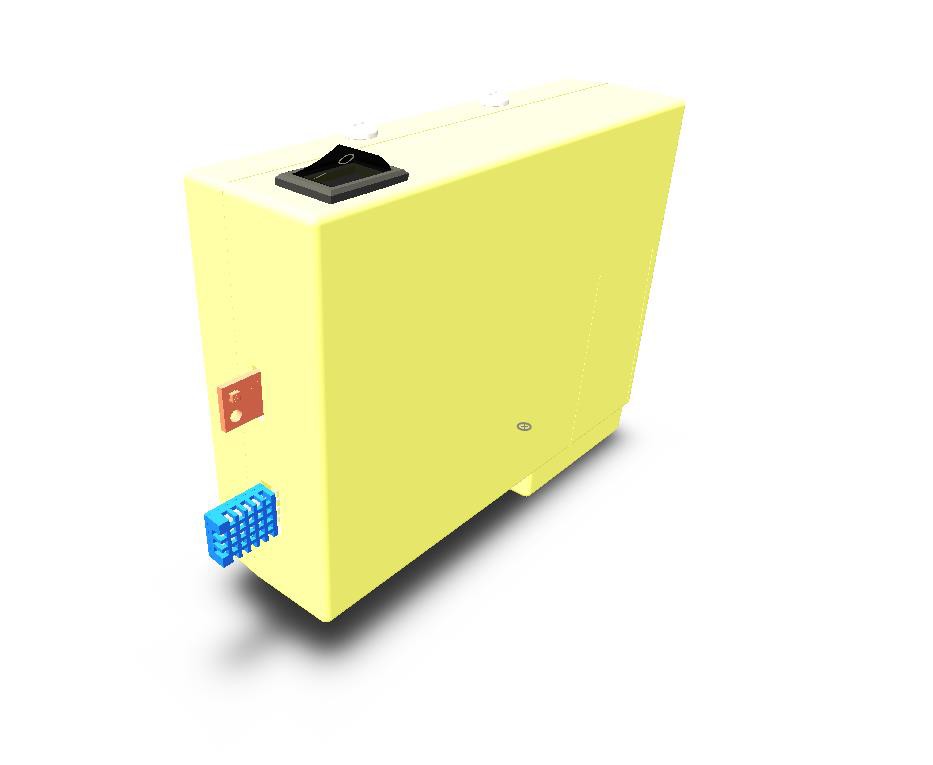


Core Cavity



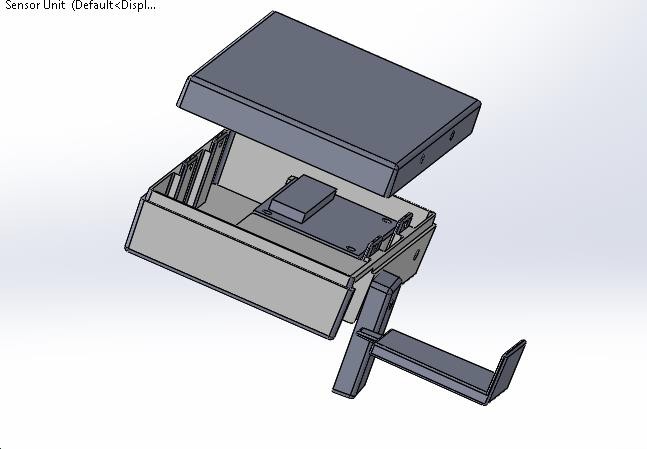
Exploded view of Mold

# Sensor Unit Manufacture



Sensor Unit

## Enclosure



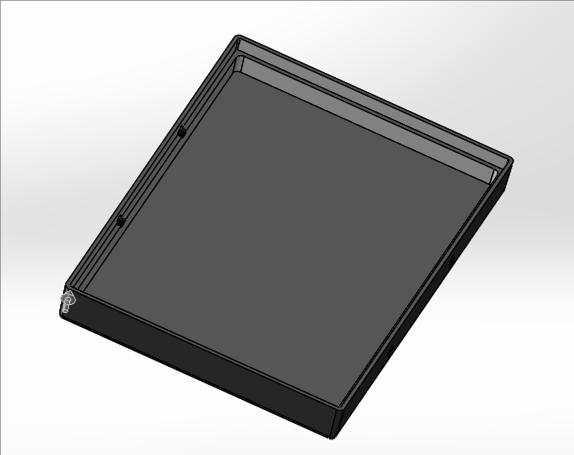
### Components

The Sensor Unit Enclosure consists of 4 components that are to be manufactured by injection molding. All units are to be molded using hard plastic

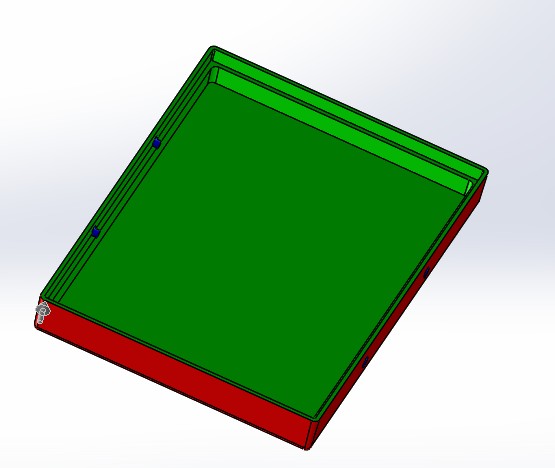
Components to be molded are:

* 1. Top Cover
  2. Bottom Cover
  3. Battery Cover
  4. Battery Lock

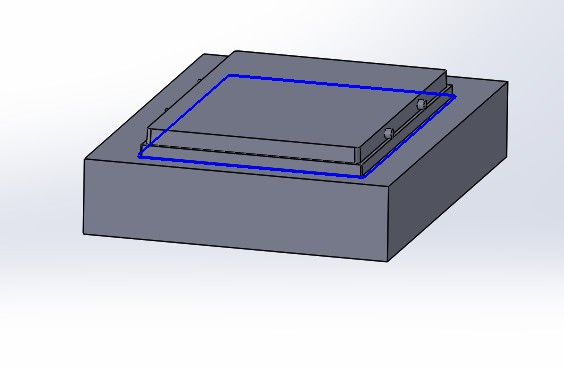
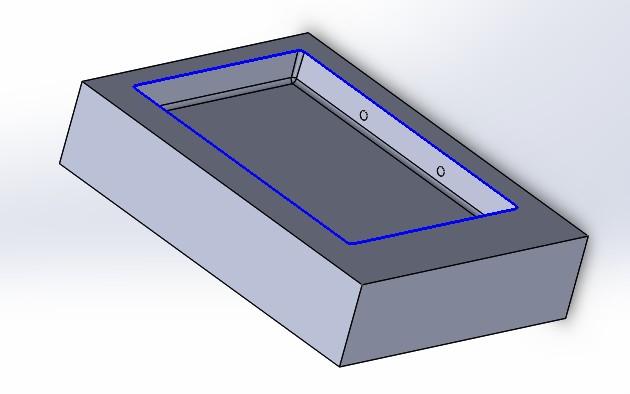
### Top Cover

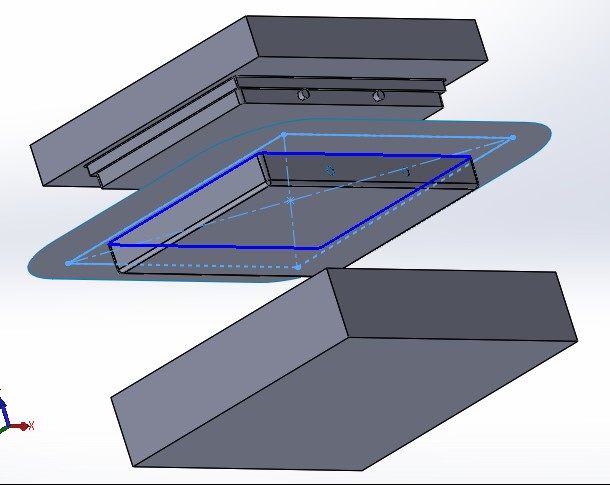


*Draft Analysis*



*Mold Components*





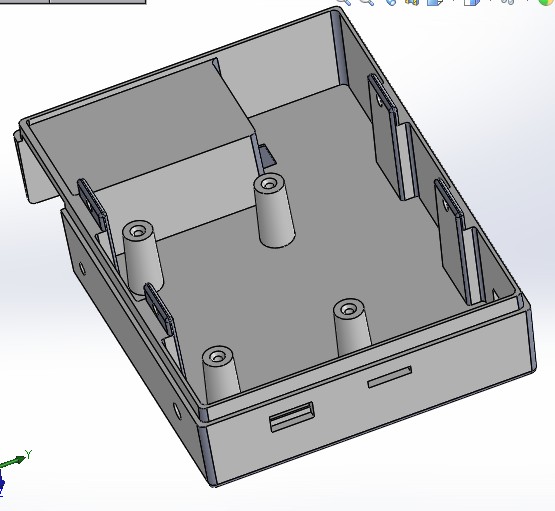
Cavity

Core

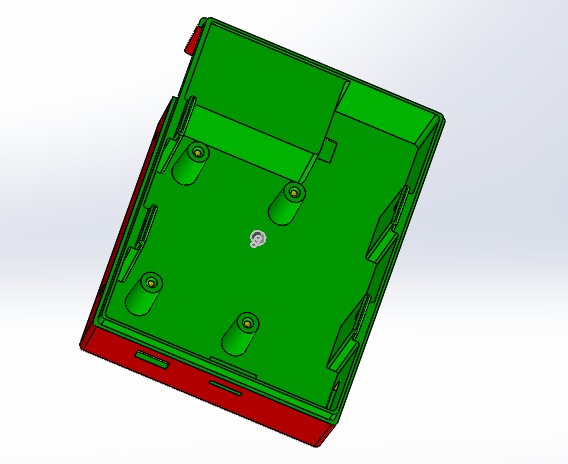


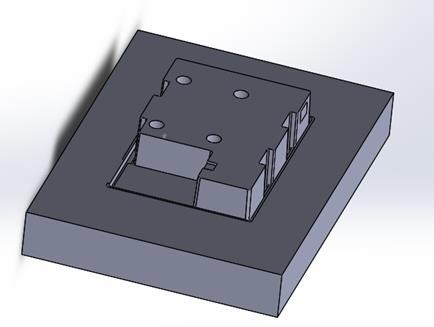
Exploded View of Mold

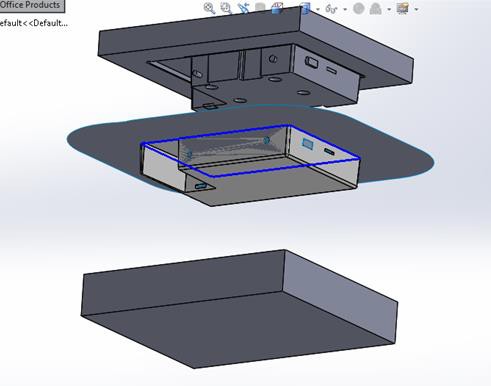
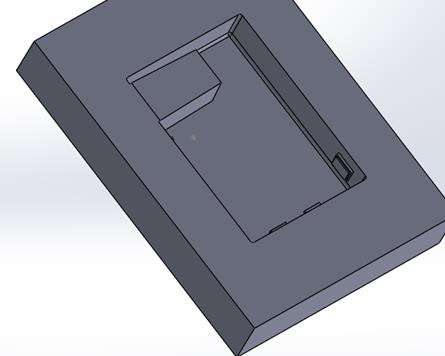
### Bottom Cover



*Draft Analysis*



*Mold Components*



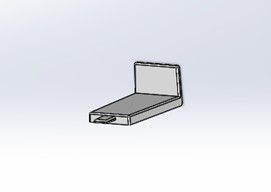
Cavity

Core

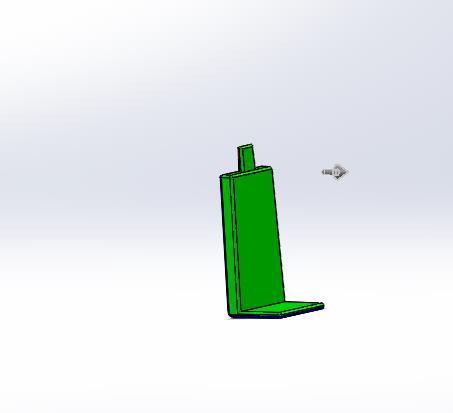


Exploded View of Mold

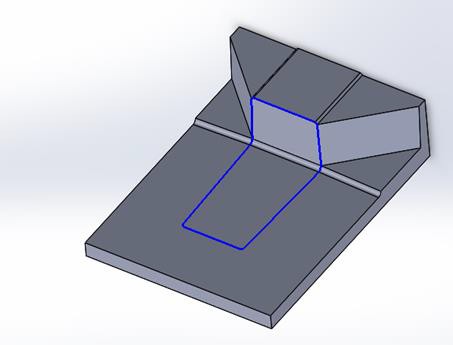
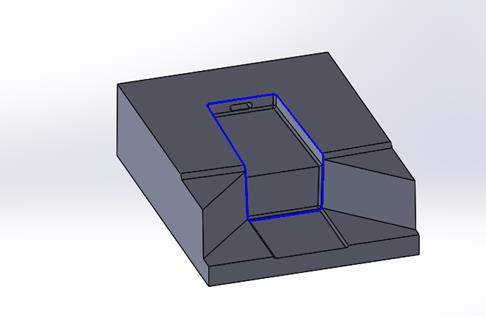
### Battery Cover

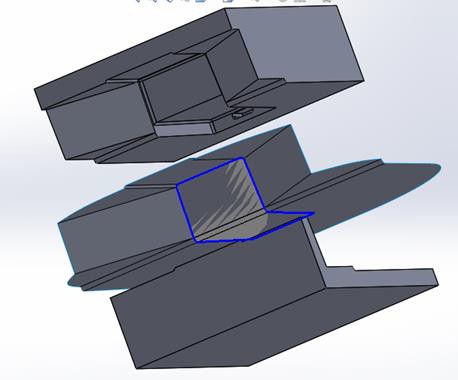


*Draft Analysis*



*Mold Components*





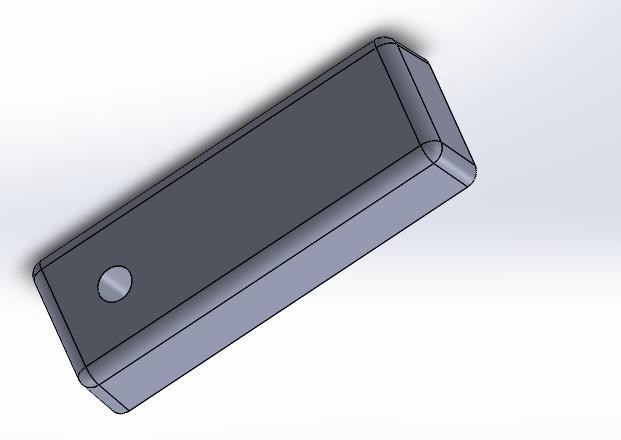
Cavity

Core



Exploded View of Mold

### Battery Lock



*Draft Analysis*

