

Group 1

Controlled Environment Monitors

Manufacturing Document

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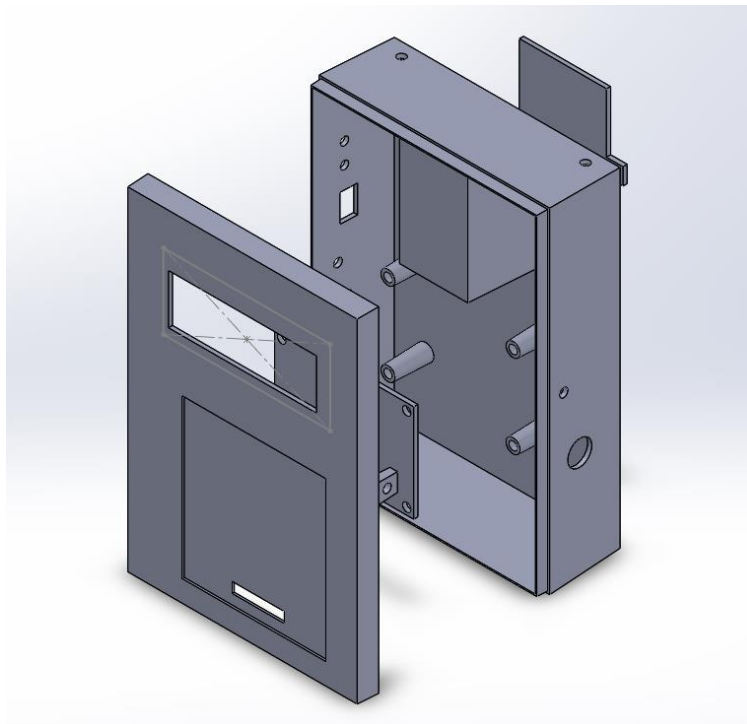
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Display Unit Manufacture

Enclosure



Display Unit

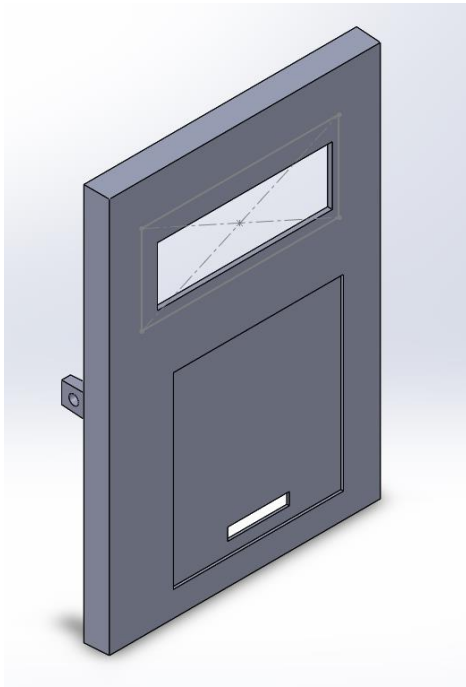


Components

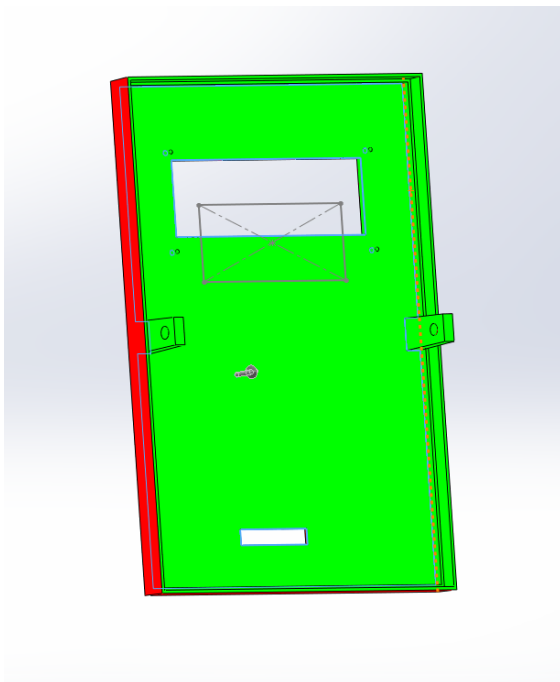
The display unit enclosure consists of 3 components that are manufactured by injection molding. All units are to be molded using hard plastic.

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

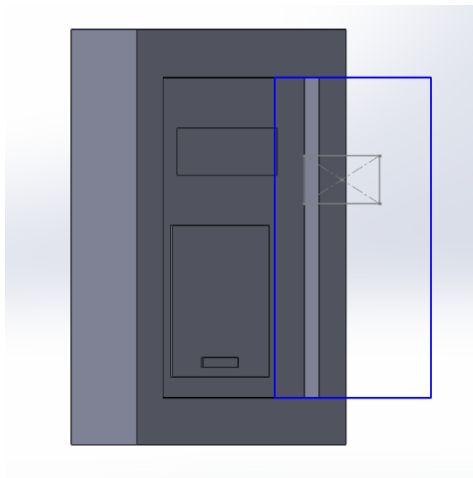
Top Cover



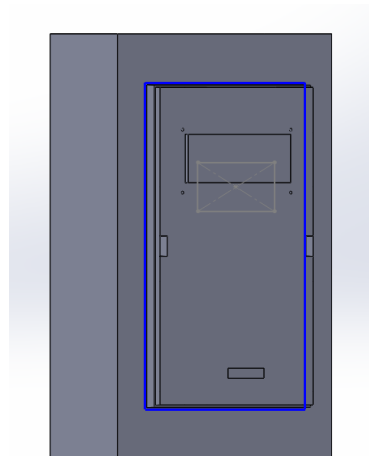
Draft Analysis



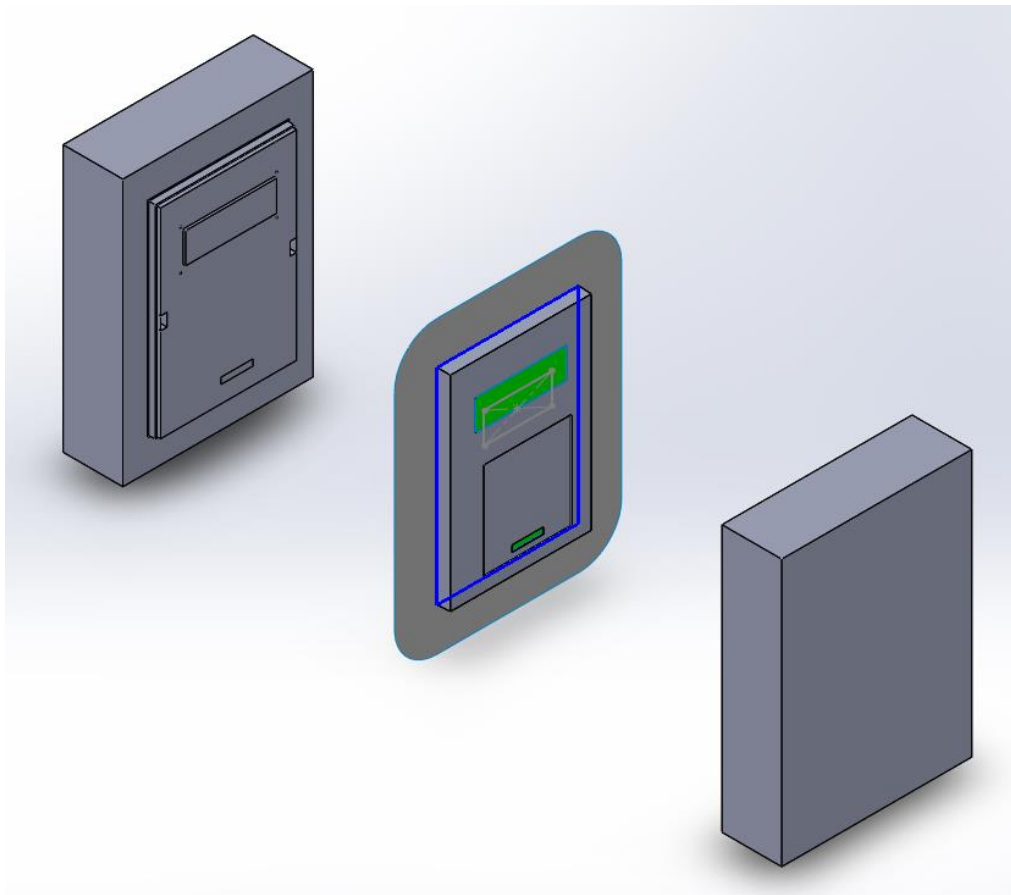
Mold Components



Cavity

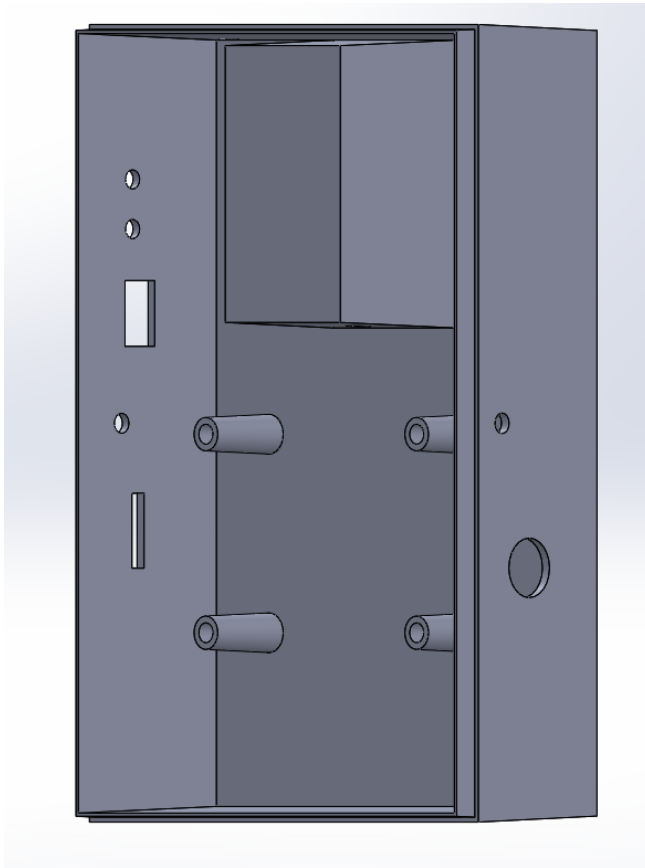


Core

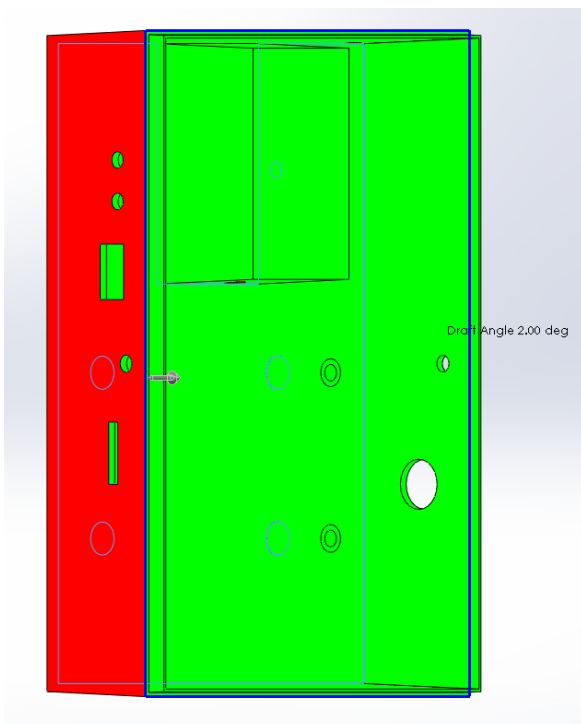


Exploded view of mold

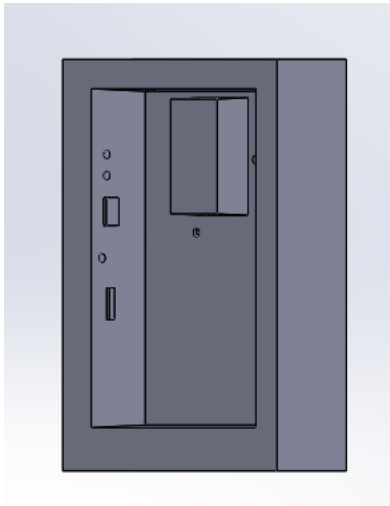
Bottom Cover



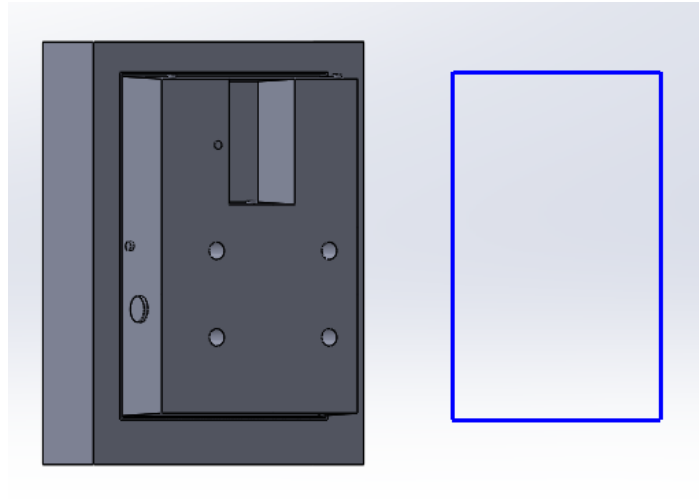
Draft Analysis



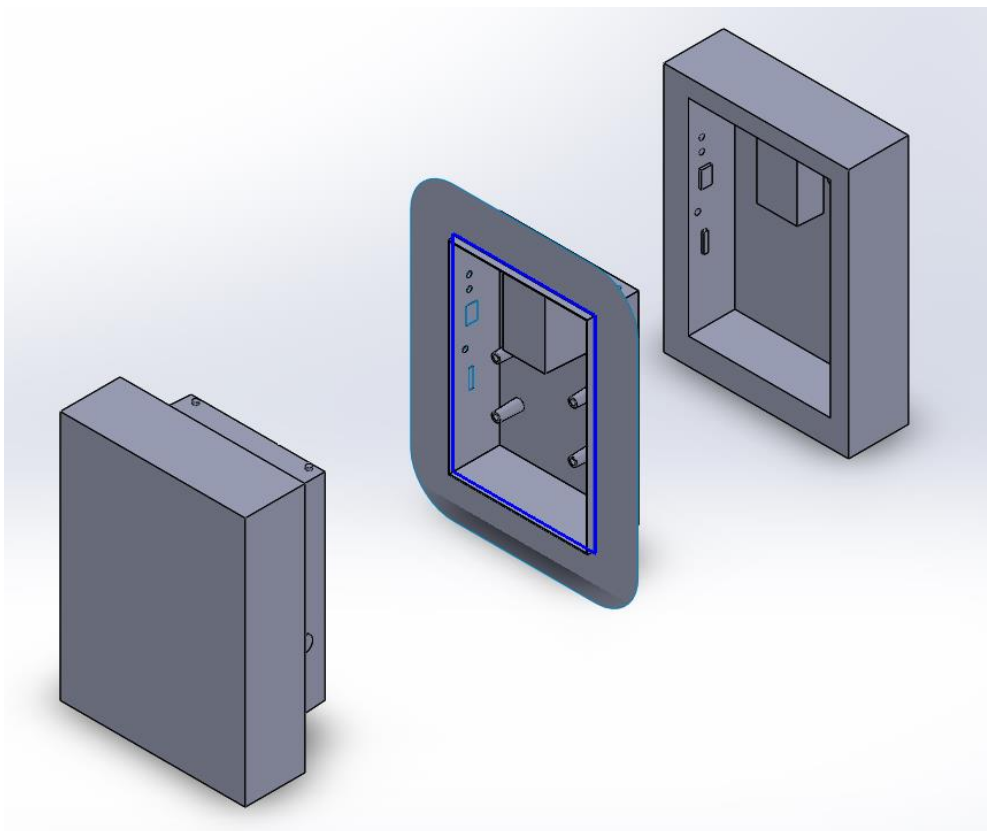
Mold Components



Core

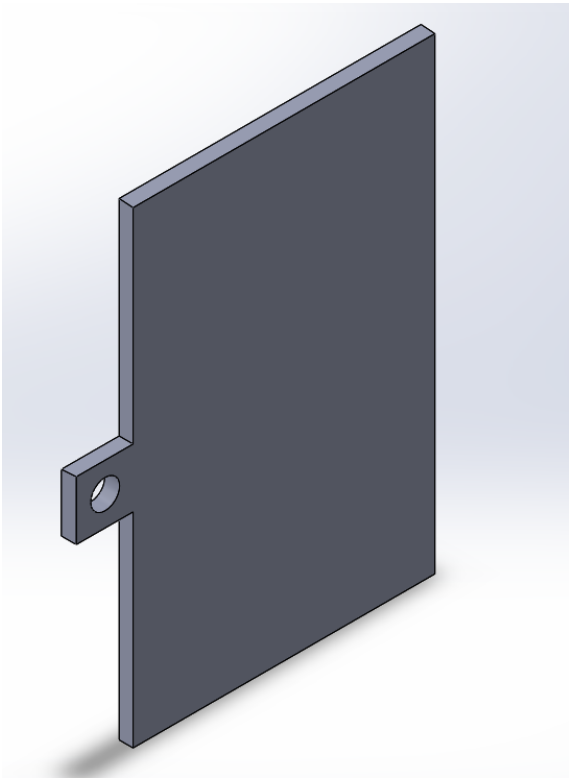


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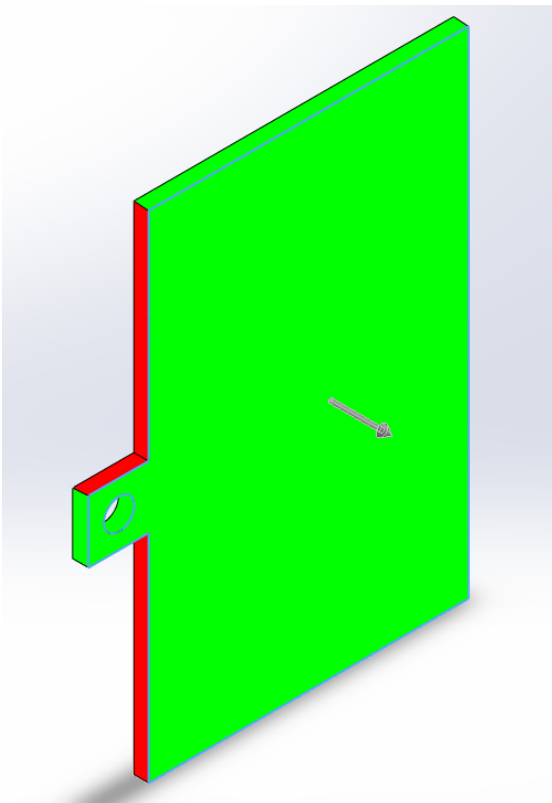


Exploded view of Mold

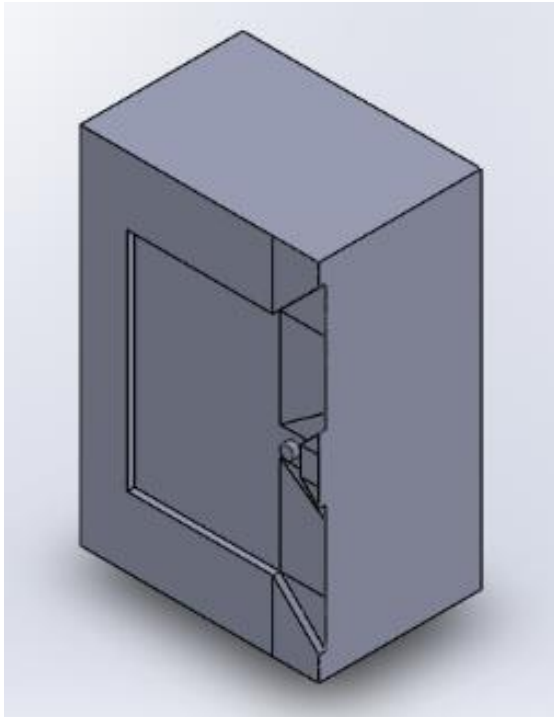
Battery Cover



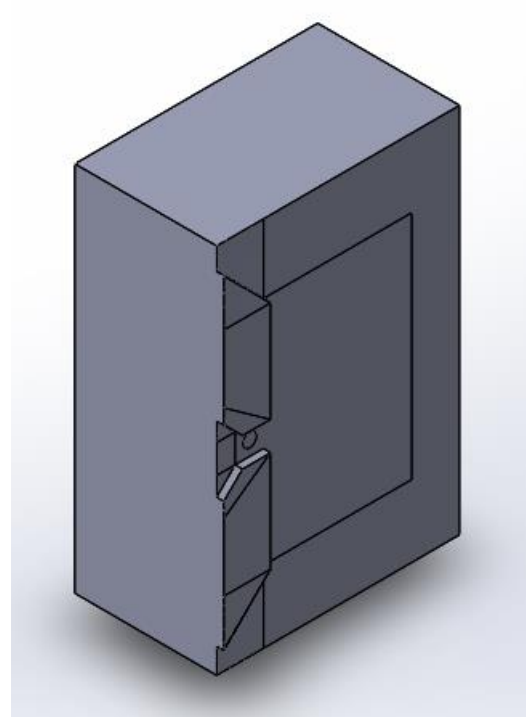
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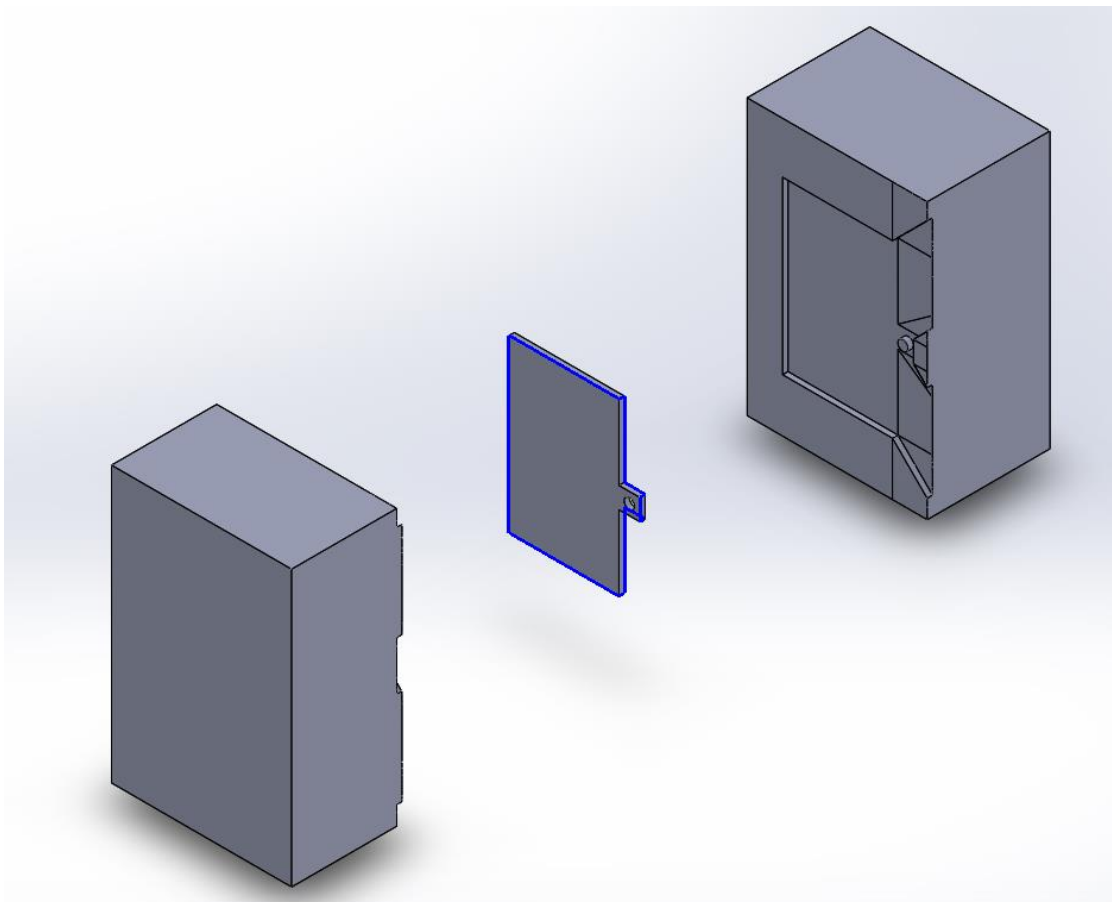
Mold Components



Core



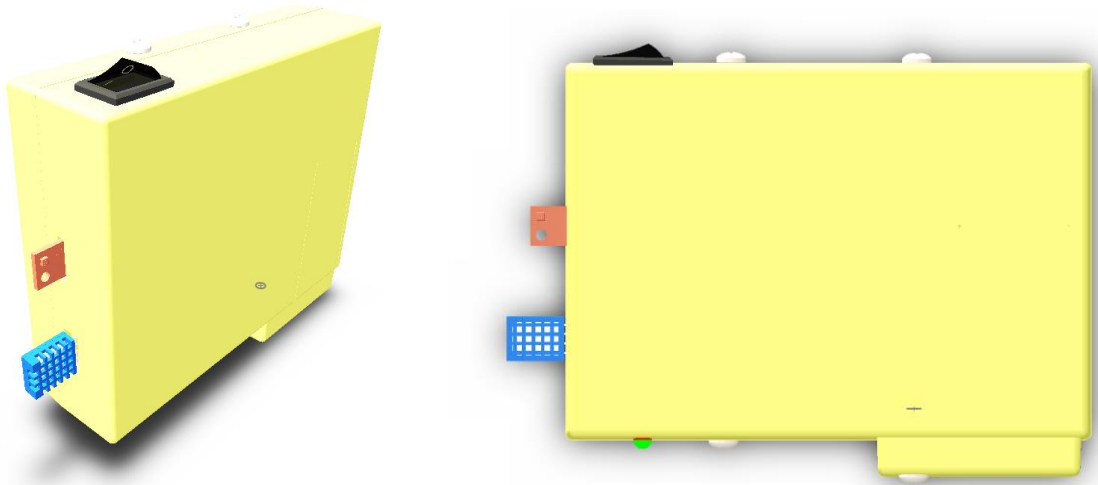
Cavity



Exploded view of Mold

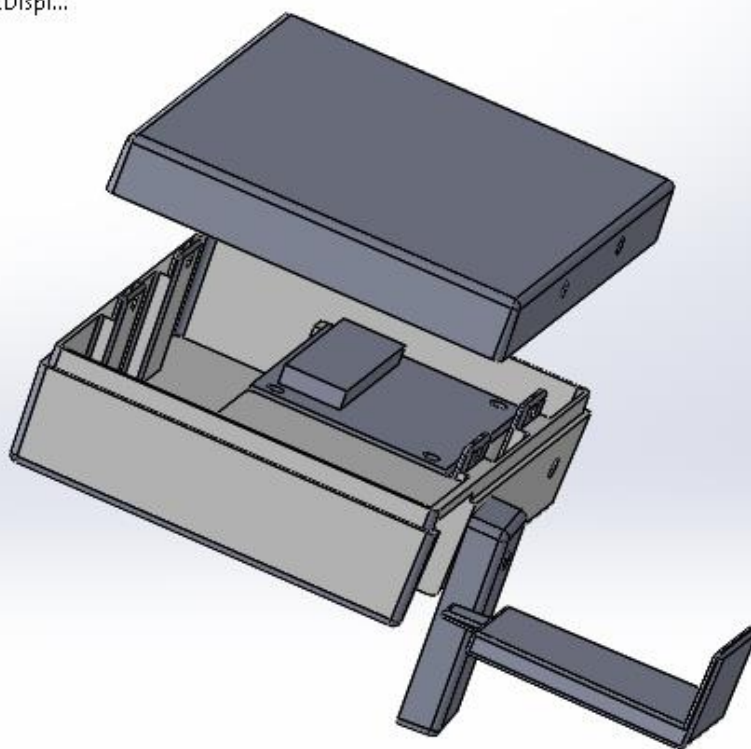
Sensor Unit Manufacture

Enclosure



Sensor Unit

Sensor Unit (Default<Displ...



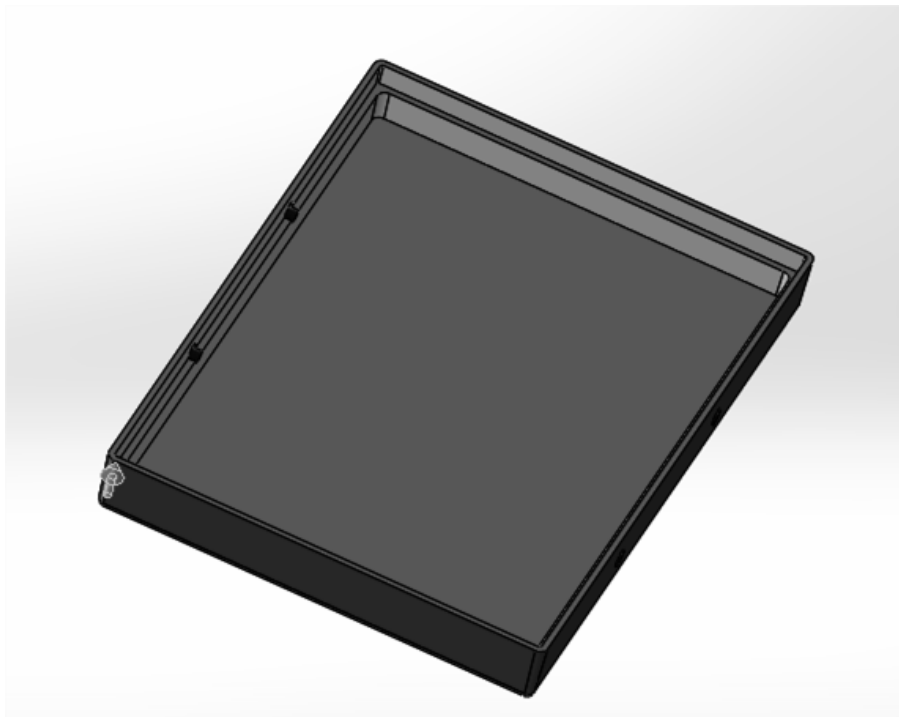
Components

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

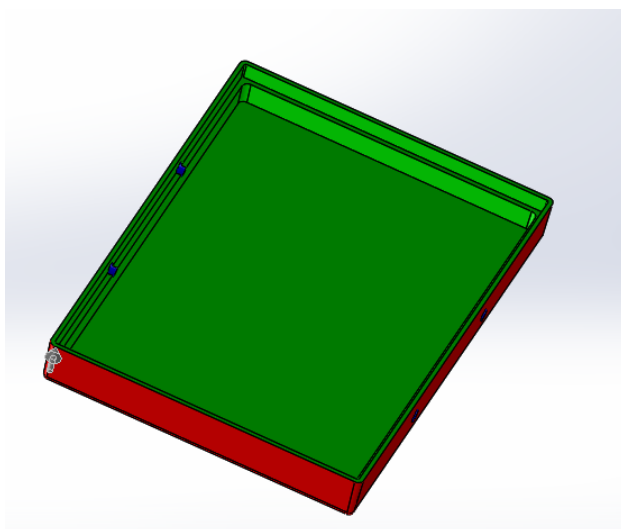
Components to be molded are:

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

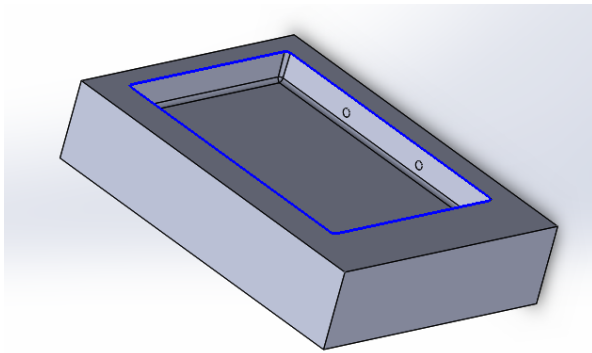
Top Cover



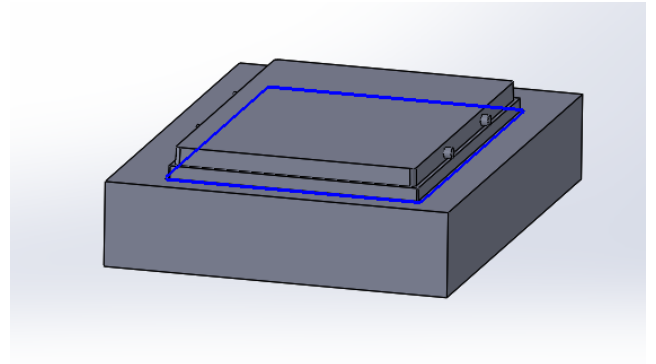
Draft Analysis



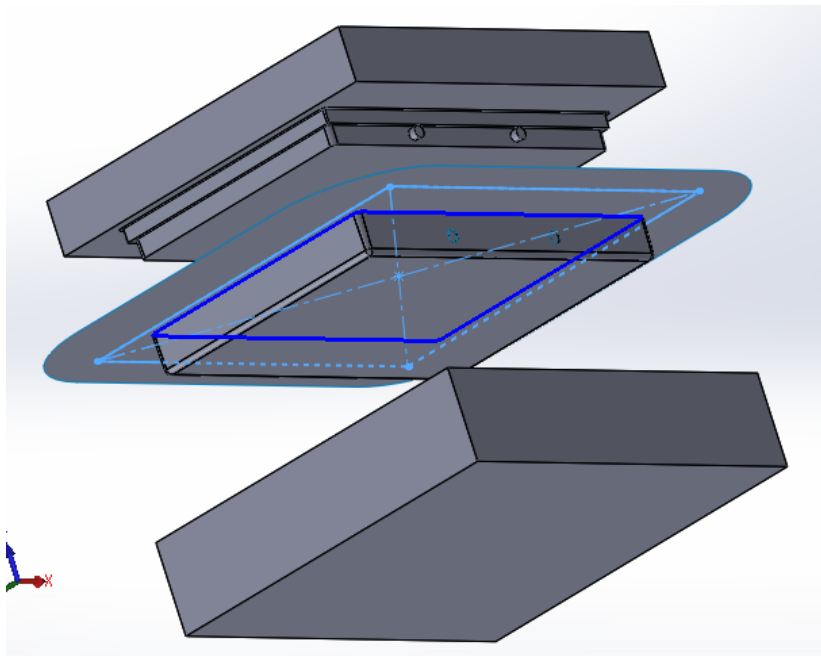
Mold Components



Cavity

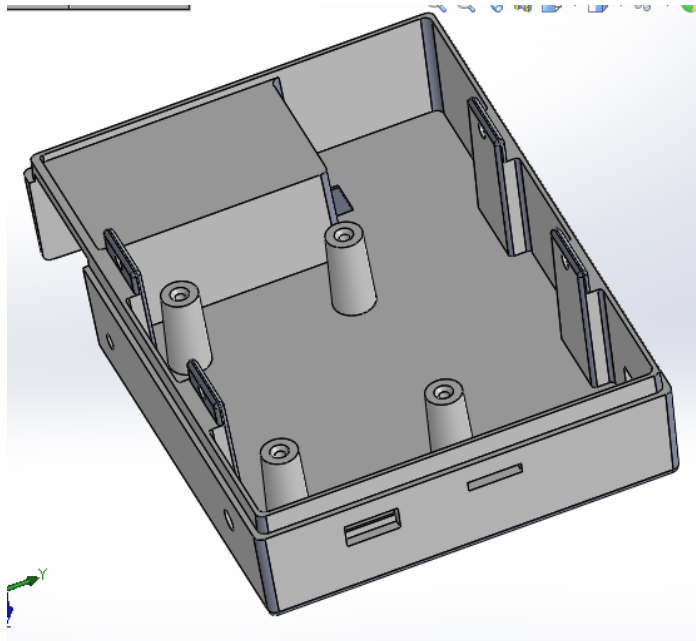


Core

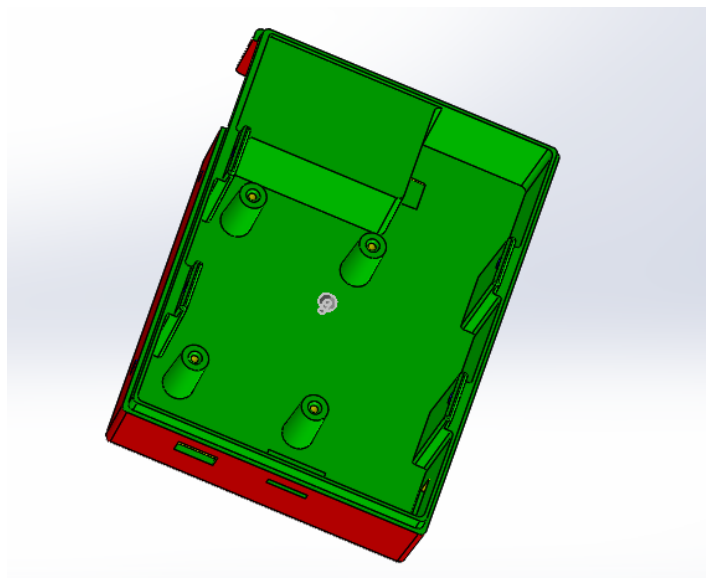


Exploded View of Mold

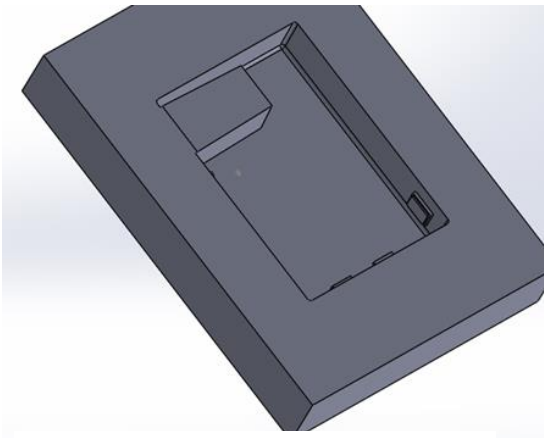
Bottom Cover



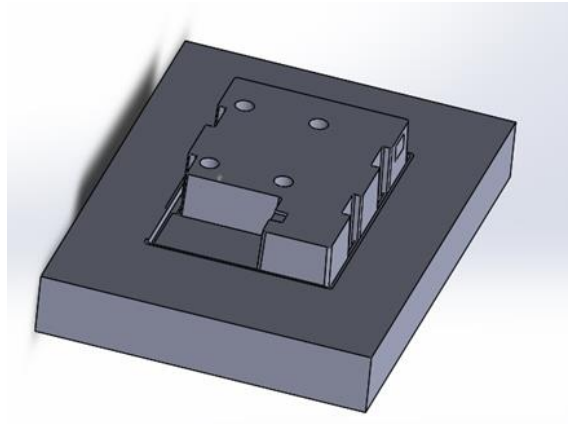
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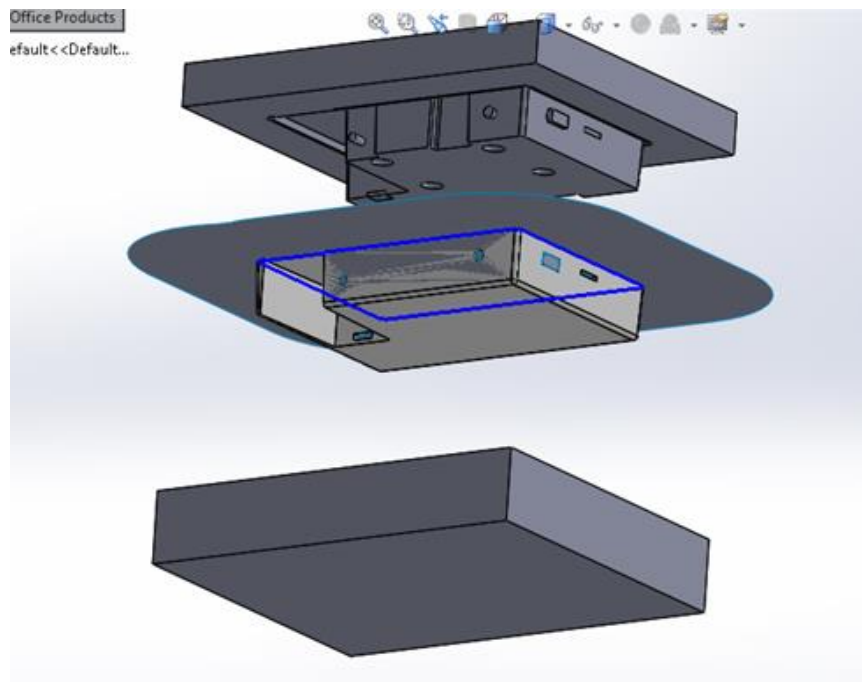
Mold Components



Cavity

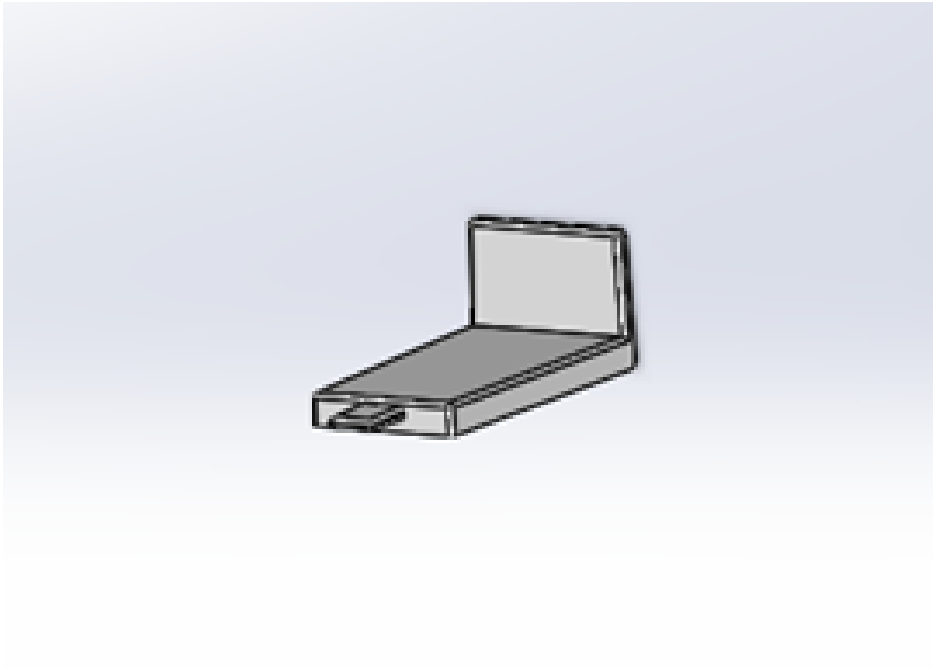


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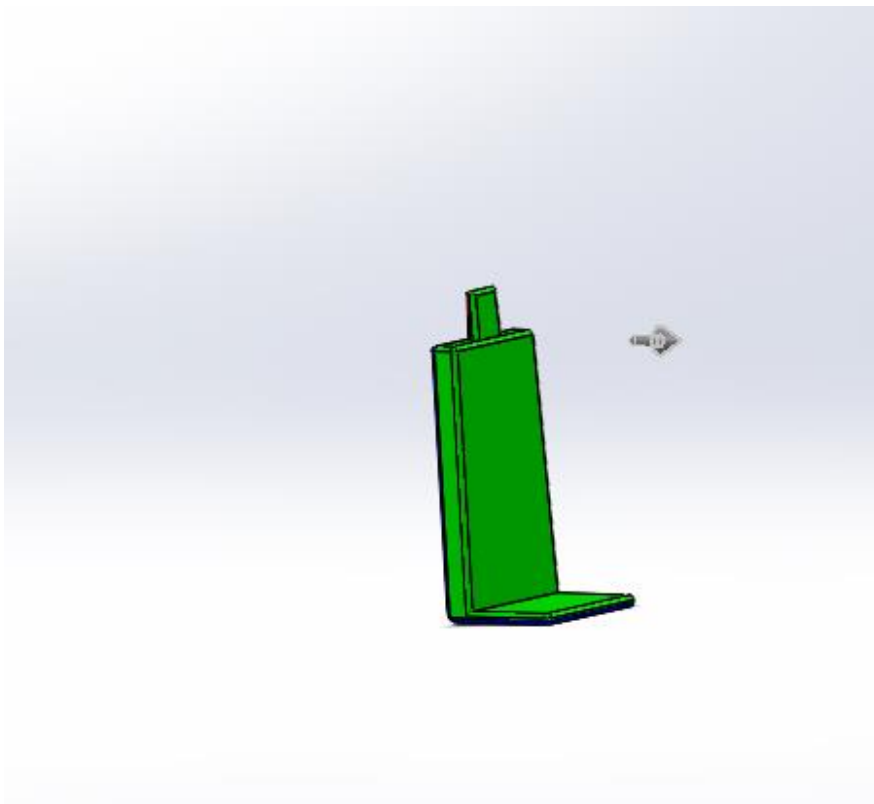


Exploded View of Mold

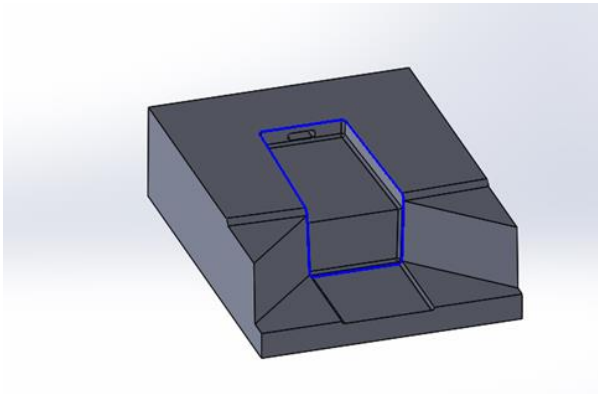
Battery Cover



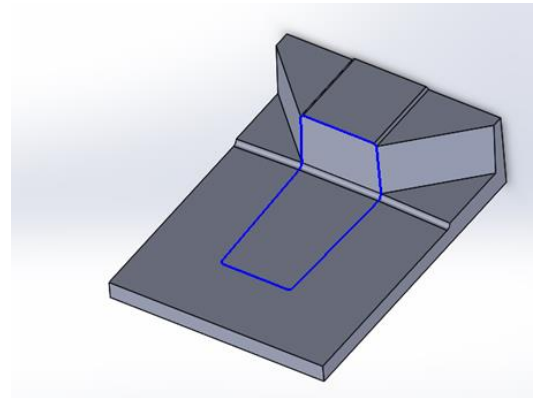
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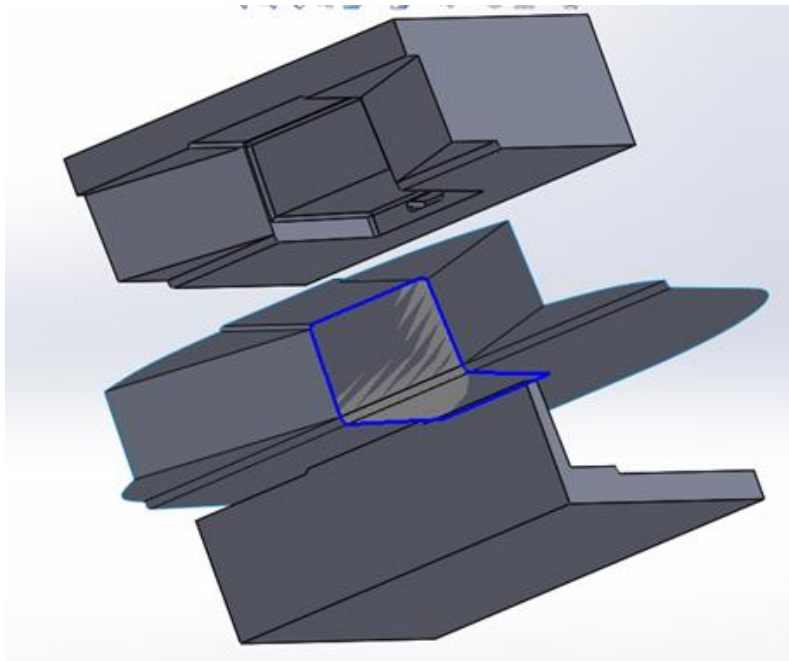
Mold Components



Cavity

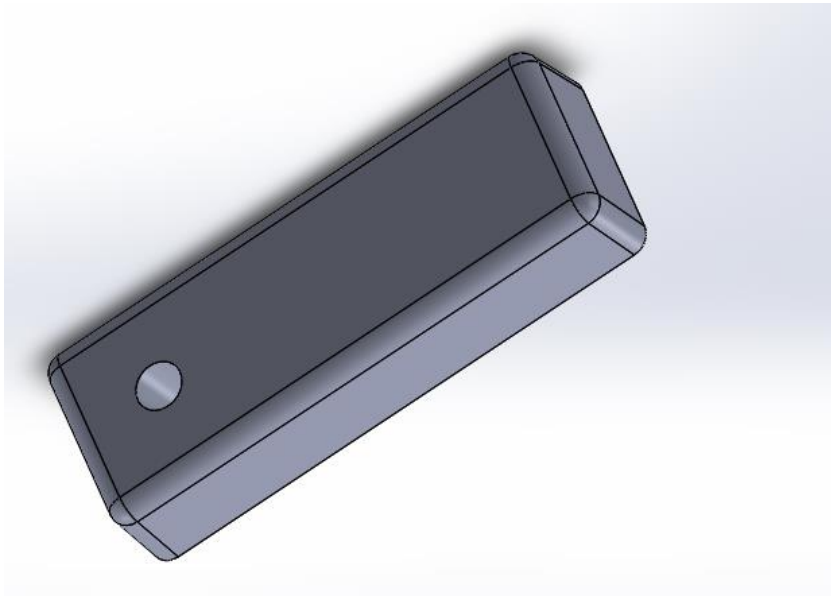


Core



Exploded View of Mold

Battery Lock



Draft Analysis

