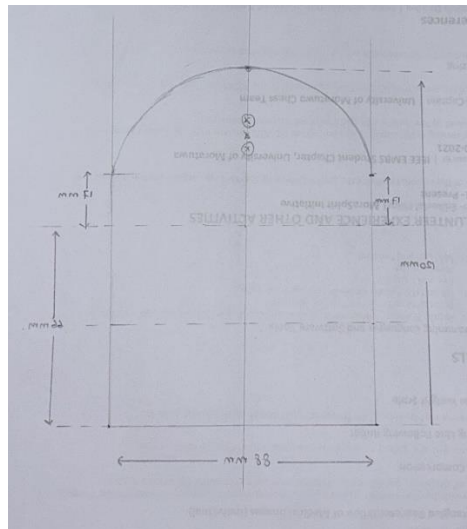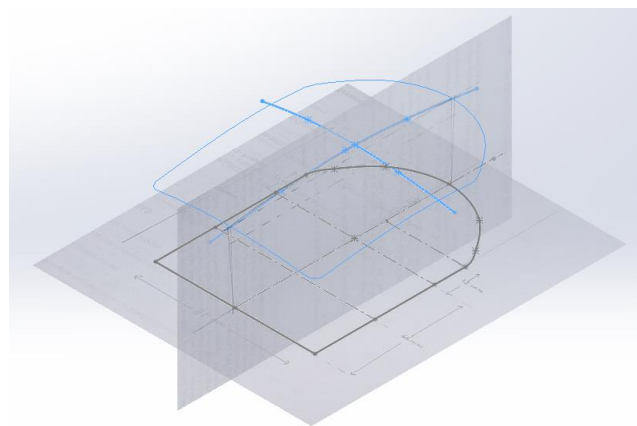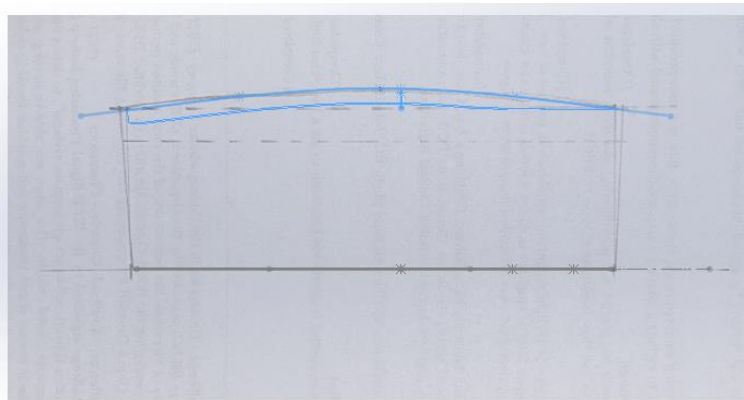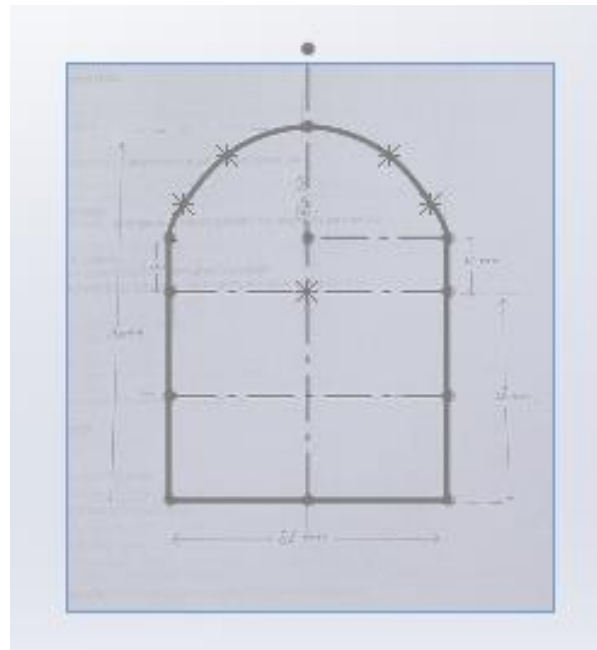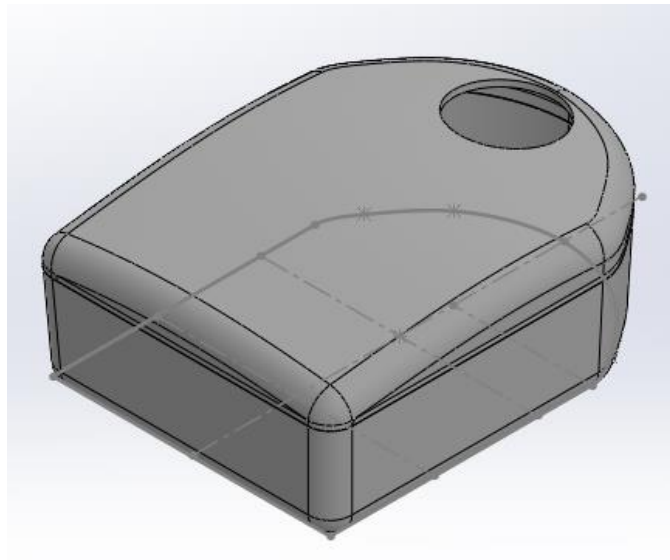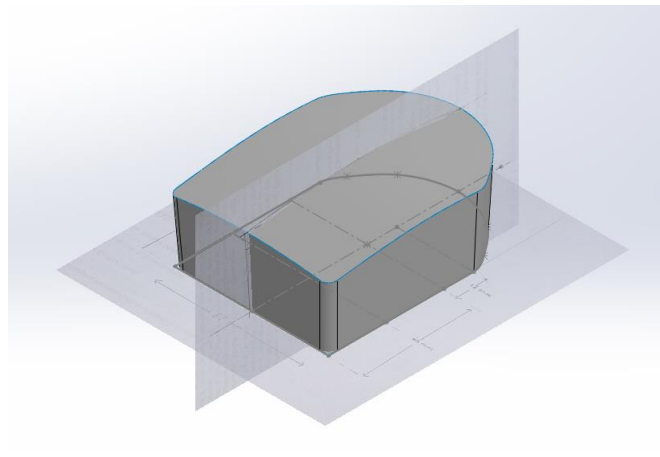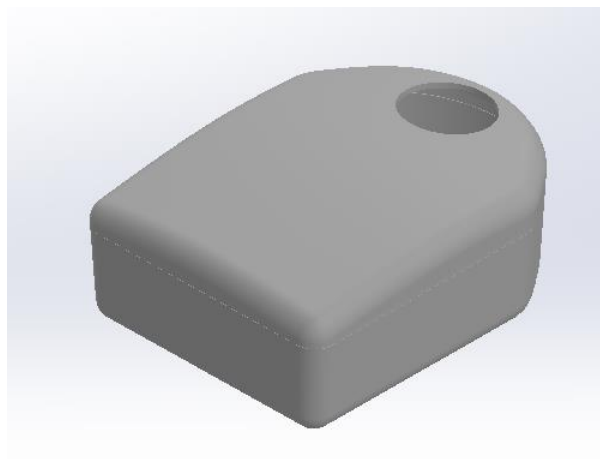# Solidworks Design Resubmission 200381U

Hand drawing
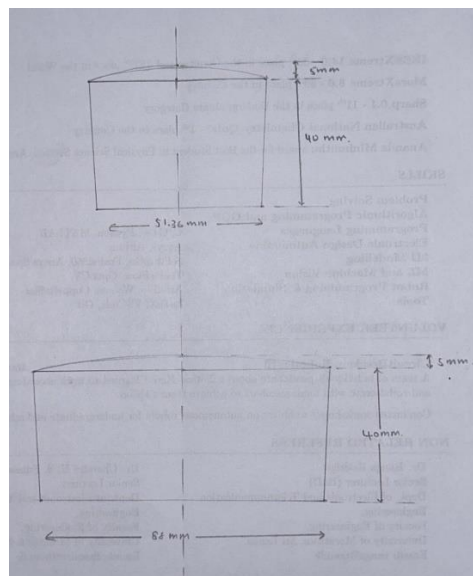
sketches Sketches in the solidworks
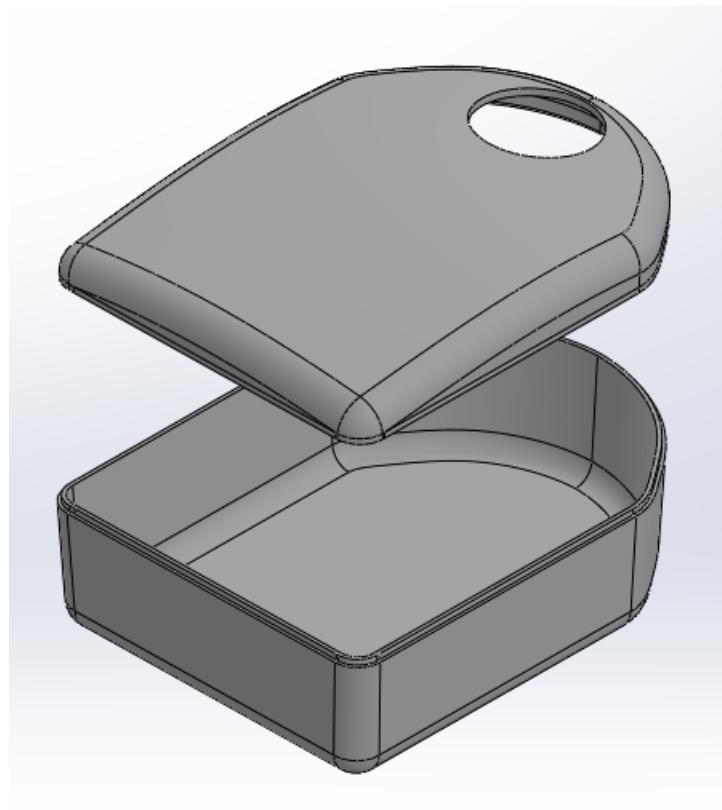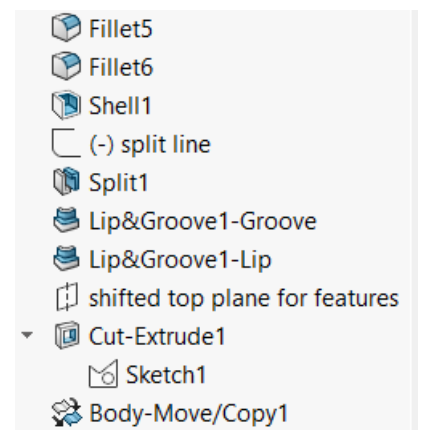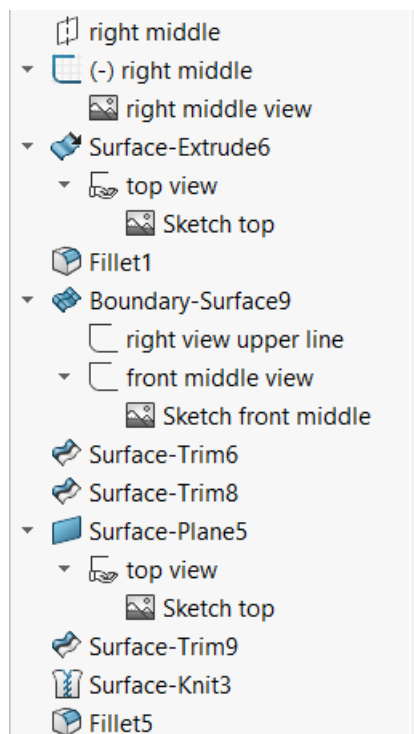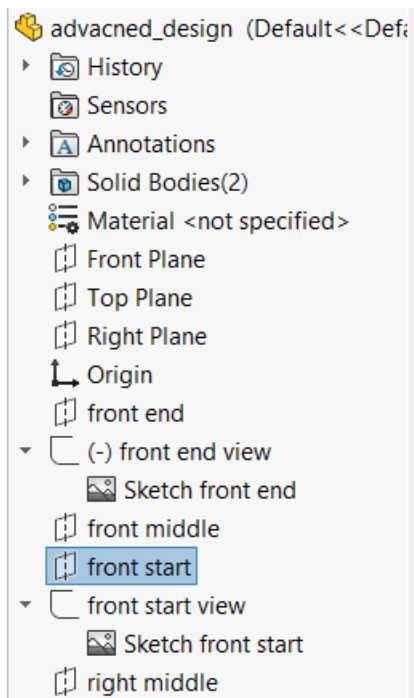
Sketches in the design

Final design

Two parts

Design tree

- advacned_design (Default<<Defa
  - ▶ History
  - Sensors
  - ▶ A Annotations
  - ▶ Solid Bodies(2)
  - Material <not specified>
  - Front Plane
  - Top Plane
  - Right Plane
  - Origin
  - front end
  - ▼ (-) front end view
    - Sketch front end
  - front middle
  - front start
  - ▼ front start view
    - Sketch front start
  - right middle

- right middle
- ▼ (-) right middle
  - right middle view
- ▼ Surface-Extrude6
  - ▼ top view
    - Sketch top
- Fillet1
- ▼ Boundary-Surface9
  - right view upper line
  - ▼ front middle view
    - Sketch front middle
- Surface-Trim6
- Surface-Trim8
- ▼ Surface-Plane5
  - ▼ top view
    - Sketch top
- Surface-Trim9
- Surface-Knit3
- Fillet5

- Fillet5
- Fillet6
- Shell1
- (-) split line
- Split1
- Lip&Groove1-Groove
- Lip&Groove1-Lip
- shifted top plane for features
- ▼ Cut-Extrude1
  - Sketch1
- Body-Move/Copy1

Core and Cavity

Draft angle analysis

Design tree for core and Cavity

- ▸ History
- Sensors
- ▸ Annotations
- ▸ Surface Bodies(3)
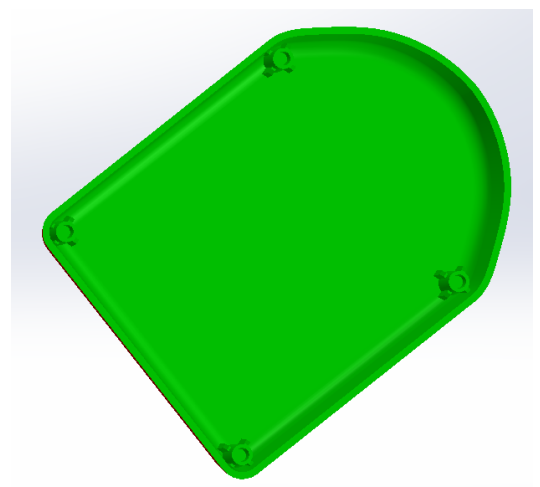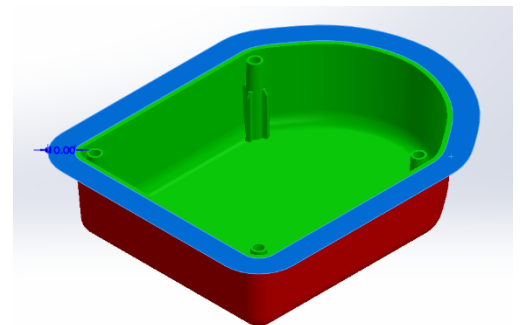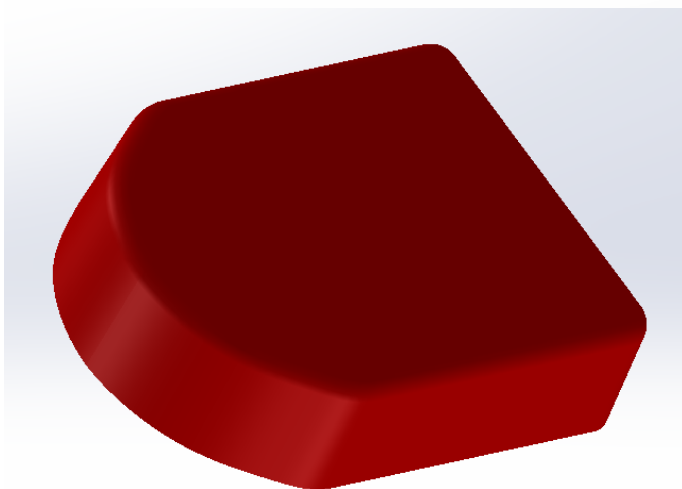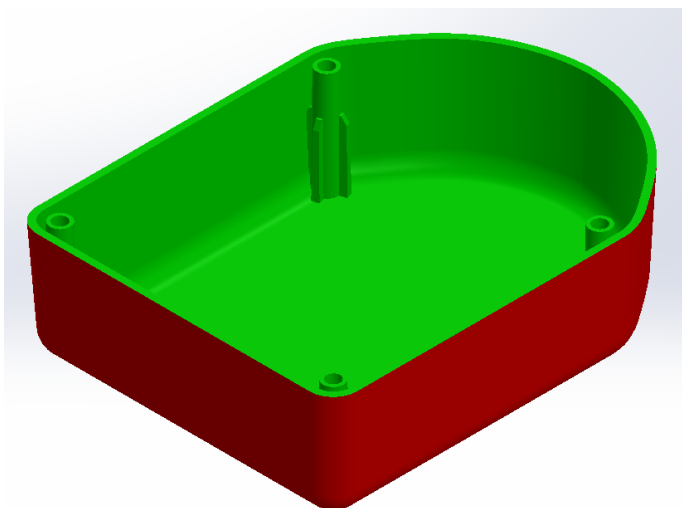- ▾ Solid Bodies(3)
  - Parting Line1[1]
  - Body-Move/Copy2
  - Body-Move/Copy3
- Material <not specified>->?
- Front Plane
- Top Plane
- Right Plane
- Origin
- Stock-design2-1->?
- top upper plane
- Sketch2
- ▸ Mounting Boss1
- ▸ Mounting Boss2
- ▸ Mounting Boss3
- ▸ Mounting Boss5
- Scale1
- Parting Line1
- Parting Surface1
- plane for parting tool
- ▾ Tooling Split1
  - Sketch5
- Body-Move/Copy1
- Body-Move/Copy2
- Body-Move/Copy3