



## 3. Design & Optimize

⚙ Status	Completed
➤ Sub-task	<a href="#">3.1 Define Constraints</a> , <a href="#">3.2 Sketches</a> , <a href="#">3.3 Design Decision Matrix</a>

### 3.1 Define Constraints

- Take-up  $\geq 10\text{mm}$
- Latch style = Under Center
- Mounting
  - Style = Surface Mount
  - Screw size = M3
- Overall
  - Length  $\geq 40\text{mm}$
  - Width  $\geq 20\text{mm}$
- Projection  $\leq 13\text{mm}$

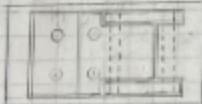
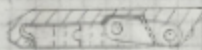
### 3.2 Sketches

PROJECT JFM-H001 / Dead Latch

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CONSTRAINTS

- TAKE-UP  $\geq 10\text{mm}$
- LATCH STYLE = UNDER-CENTER DRAW LATCH
- MOUNTING
  - STYLE = SURFACE MOUNT
  - SCREW = M3
- OVERALL
  - LENGTH  $= \geq 40\text{mm}$
  - WIDTH  $= \geq 20\text{mm}$
- PROTECTION  $= \leq 13\text{mm}$



PROJECT JFM-H001

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DRAWING

NOTES

DATE