

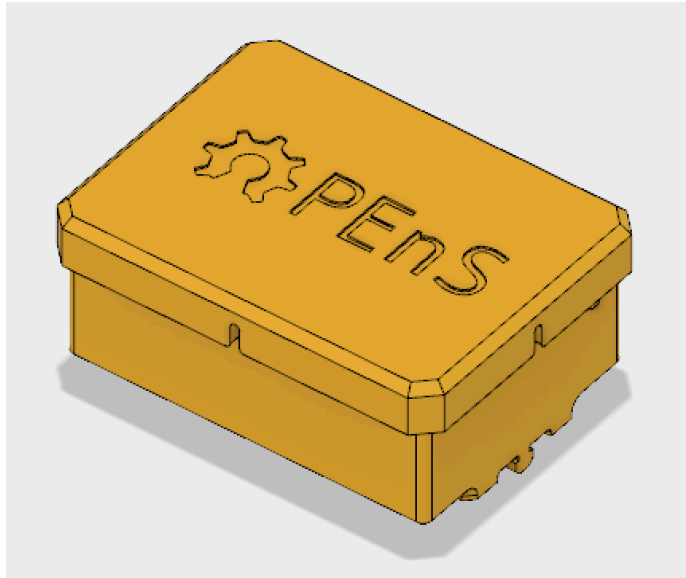
3D Printed Component Info Sheet – Battery Box 8

Part Name: Battery Box

Project: OPEnSampler

Current Version: 8

Date: November 14 2017



Summary Description:

A case for the 2000mAH battery. Slides into the channel of Misumi 15mm Aluminum Extrusion. Attaches to the top of the electronics “spine”. Top cover snaps off and the battery can be placed inside, oriented such that the wires exit through a channel in one of the side faces.

Description and reason for most recent changes:

Added channels in the cover to allow it to bend slightly, making it easier to remove.

Comments:

Not yet printed or tested.

Related Parts:

2000 mAH Battery [\[link\]](#)

Recommended Print Settings:

Printer: Fusion3 F400-S

Print Head, Extruder Type: 0.4mm E3D v6, Bowden

Slicer: Simplify3D

Layer Height:

Layer Width:

Speed:

Support Type:

Support Fill:

Fans: Low

Top/Bottom Layers:

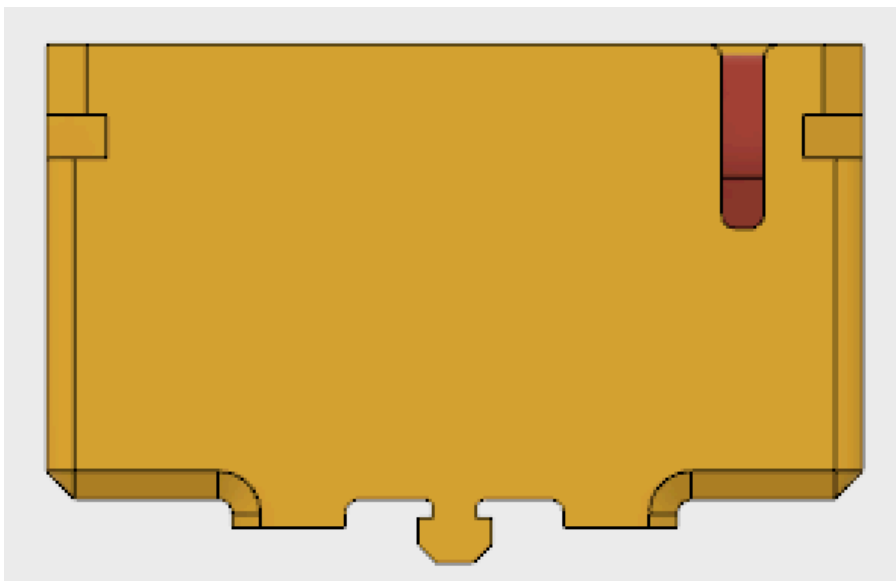
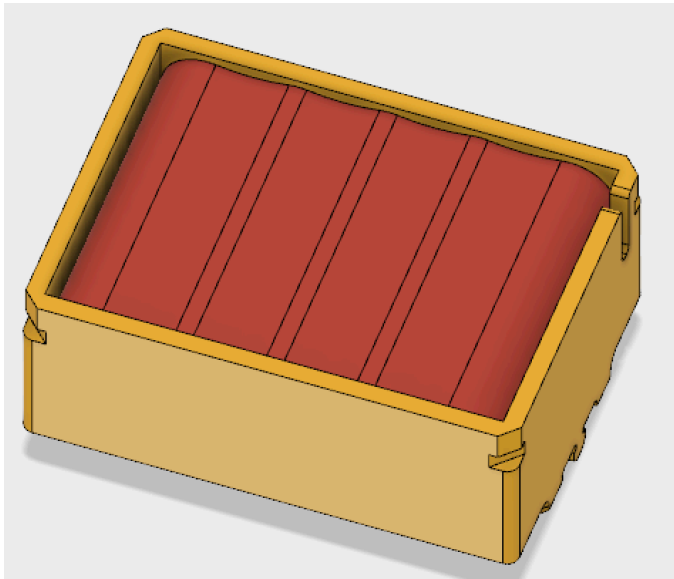
Comments:

This part has not been successfully printed! It will need to be adjusted due to excessive warping and difficulty attaching the lid.

[Post Processing:](#)

Acetone vapor finishing is optional.

Pictures:



Version Changes:

7:

- Added channels in sides of cover