

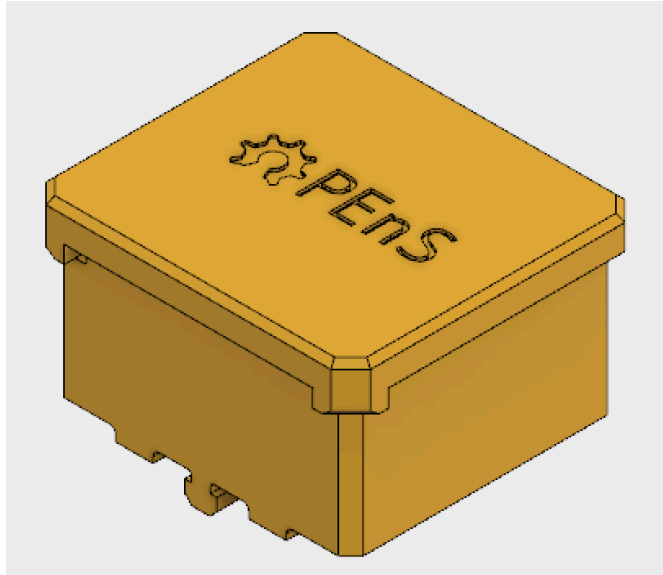
3D Printed Component Info Sheet – VBB Case 9

Part Name: VBB Case

Project: OPEnSampler

Current Version: 9

Date: November 14, 2017



Summary Description:

Houses the Valve Breakout Board and slides into the channel of Misumi 15mm Aluminum Extrusion. The top cover (with our logo) snaps on and off. Space between the side walls and the top cover allows valve wires to enter and plug into the housed PCB. Front wall has space for the ribbon cable, connected to the MCB PCB, to enter. The case slides into the channel on the top of the electronics “spine” on the sampler.

Description and reason for most recent changes:

None

Comments:

This part has not been printed successfully. Due to excessive warping and difficulty attaching the lid, the design will need to be adjusted.

Related Parts:

Valve Breakout Board PCB

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

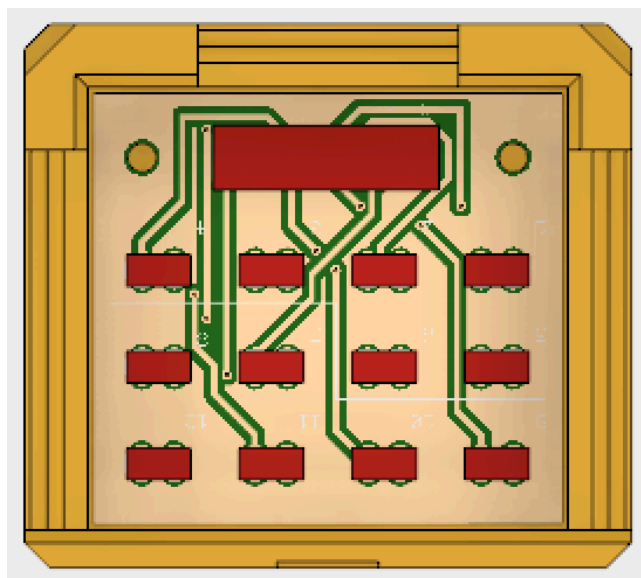
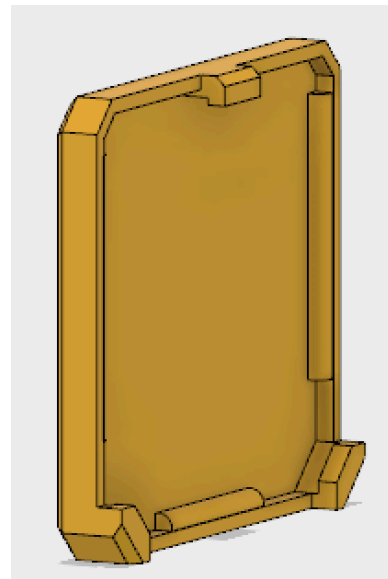
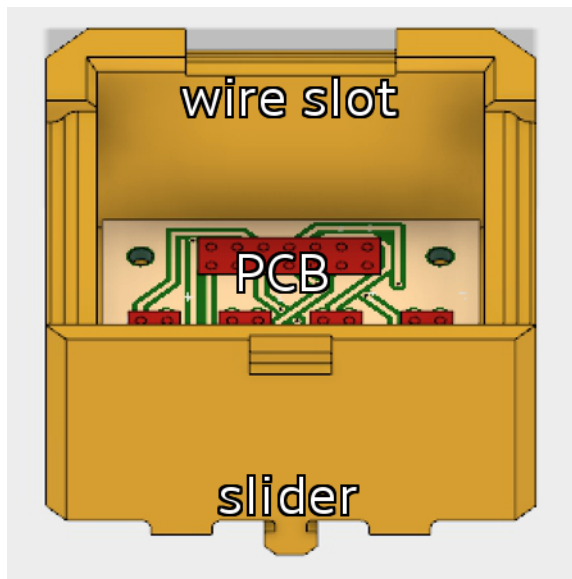
Top/Bottom Layers:

Comments: No recommended print settings yet.

Post Processing:

Recommended vapor finishing to reduce chance of cracking and relieve surface tension.

Pictures:



Version Changes:

None