Top Button Mount, Top View
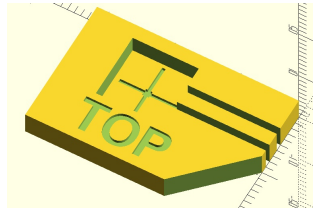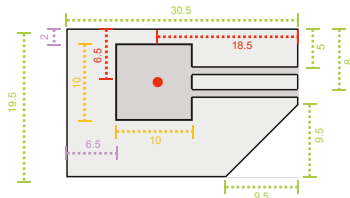
* All dimensions in millimetres.
* 3D print renders for illustration only.
* Light gray areas are 4mm thick.
* Dark gray areas are 1mm thick (bottom of mount)
* Wire channels are 1mm wide.
* Red spot is where to centre the microswitch button.

Suggested build without 3D printer is to use a glued sandwich of two plastic window shims as follows:

1. Cut a 1mm thick shim to the overall outline of the mount and mark the centre point for the microswitch, with no internal cuts.

2. Cut a 3mm thick shim as per all cuts shown in the schematic - omit the wire channel separator if you want. The cut-out surrounding the microswitch just needs to be large enough to prevent the press button plunger from hitting edge of the cut-out. Alternative to cutting is drilling a 10mm hole.

3. Glue the 1mm shim to the bottom of the 3mm shim.

4. Solder wires to your microswitch and glue the microswitch so that the button is positioned over the marked spot. Feed the wires out of the right side of the mount and glue wires to complete the build.

Side Button Mount, Top View