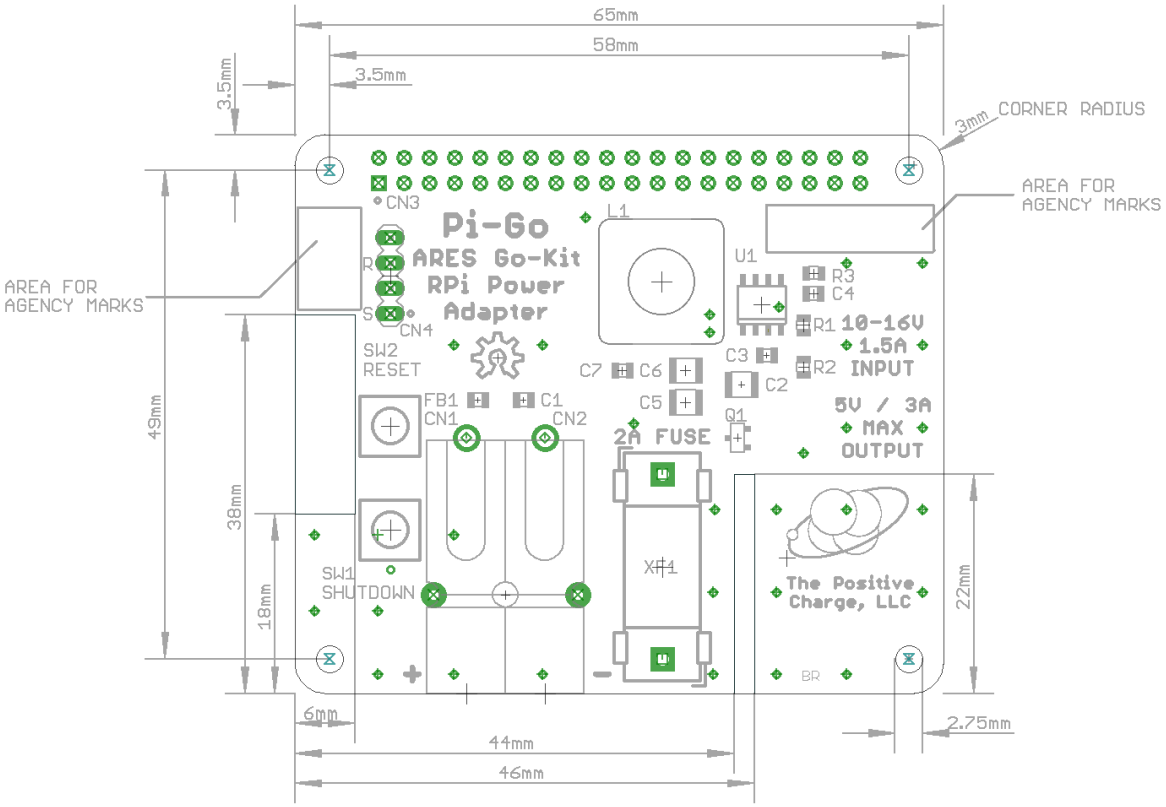
The Positive Charge Pi-Go Rev A – 2015-08-11
Fabrication Details



LAYER-STACK	Sym	N°	Mils	MM	Qty	Plated
01-16	+	1	20	0.51	32	YES
01-20	×	2	39	1.00	46	YES
	⊡	3	56	1.42	2	YES
	◈	4	70	1.78	2	YES
	⧖	5	108	2.75	4	NOT

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Board dimensions

- Dimensions in mm:
- Rounded corners = 3mm diameter, 4 places
- Milled slots
  - 20mm x 6mm on left edge
  - 2mm x 22mm on bottom edge

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Notes:

- Board specifications for selected service level take precedence over these notes.
  - Material: FR-4
    - 1oz Copper External Layer
    - Thickness Tolerance ±0.0061”
  - Solder Mask: Standard Green, SMOBC
  - Vendor shall stamp agency marks on each board as required
  - Silkscreen Color = White, Component layer only
  - All holes size shall be located within 0.003” (0.08mm) diameter of true position from location shown on master pattern.
  - Finished hole size tolerance: ±003” (±0.08mm)
  - Front-to-Back layer registration to be within 0.003” (0.08mm)
  - Board outline shall conform to supplied Gerber data within 0.010” (0.25mm)
  - All internal corners 0.040” (1.01mm) of radius maximum

Board Stack-up – Use standard for service level, or:
All dimensions in inches unless otherwise noted:

Stack-up	Thickness	Tolerance (±)	Layer file ext.	Notes
Layer 1	0.0017	0.0004	cmp	Top Layer
Laminate Core	0.0580	0.0025		
Layer 16	0.0017	0.0004	sol	Bottom Layer
Overall	0.0614	0.0061		

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