



BOARD CHARACTERISTICS

Copper Layer Count: 4 Board Thickness: 62.99 mils
 Board overall dimensions: 2200.00 mils x 4400.00 mils
 Min track/spacing: 15.00 mils / 10.00 mils Min hole diameter: 20.00 mils
 Copper Finish: None Impedance Control: No
 Castellated pads: No Plated Board Edge: No
 Edge card connectors: No

Layer Name	Type	Material	Thickness (mils)	Color	Epsilon R	Loss Tangent
F.Silkscreen	Top Silk Screen	Not specified	0 mils	Not specified	1	0
F.Paste	Top Solder Paste		0 mils		1	0
F.Mask	Top Solder Mask	Not specified	0.3937 mils	Not specified	3.3	0
F.Cu	copper		1.37795 mils		1	0
Dielectric	prepreg	FR4	3.93701 mils	Not specified	4.5	0.02
In1.Cu	copper		1.37795 mils		1	0
Dielectric	core	FR4	48.8189 mils	Not specified	4.5	0.02
In2.Cu	copper		1.37795 mils		1	0
Dielectric	prepreg	FR4	3.93701 mils	Not specified	4.5	0.02
B.Cu	copper		1.37795 mils		1	0
B.Mask	Bottom Solder Mask	Not specified	0.3937 mils	Not specified	3.3	0
B.Paste	Bottom Solder Paste		0 mils		1	0
B.Silkscreen	Bottom Silk Screen	Not specified	0 mils	Not specified	1	0

Drill Map:

- \times : 0.508mm / 0.0200" (141 holes)
- \circ : 0.508mm / 0.0200" (12 holes)
- $+$: 1.000mm / 0.0394" (50 holes)
- \square : 1.092mm / 0.0430" (56 holes)
- \diamond : 3.200mm / 0.1260" (4 holes) (not plated)



1868 SPACE COOKIES

Sheet:
File: Pico-ButtonBoard-v1.kicad_pcb

Title: Pico Button Board

Size: B Date: 2026-01-20
KiCad E.D.A. 9.0.7

Rev: 1
Id: 1/1