



#### 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:

- x 0.508mm / 0.0200" (139 holes)
- o 0.508mm / 0.0200" (12 holes)
- + 1.000mm / 0.0394" (50 holes)
- 1.092mm / 0.0430" (59 holes)
- ◇ 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: 2025-12-28  
KiCad E.D.A. 9.0.6

Rev: 1  
Id: 1/1