

A

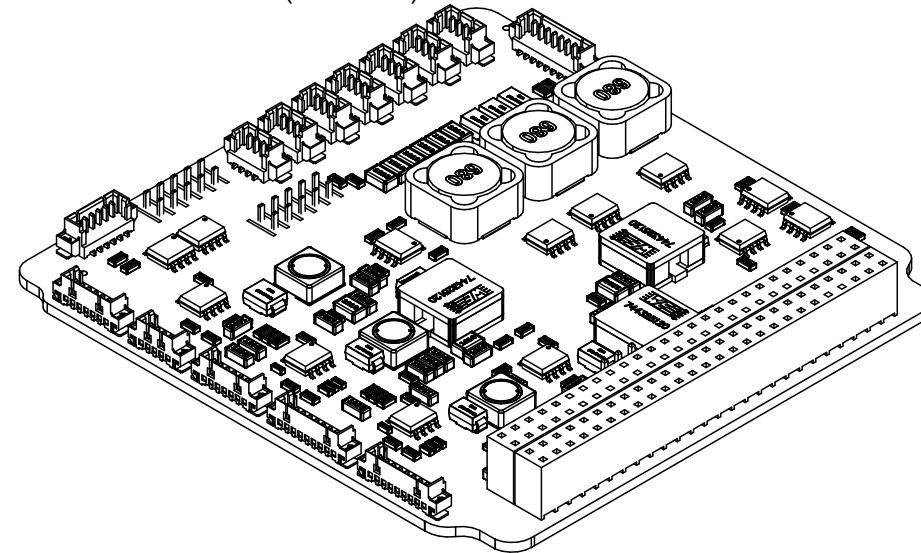
B

C

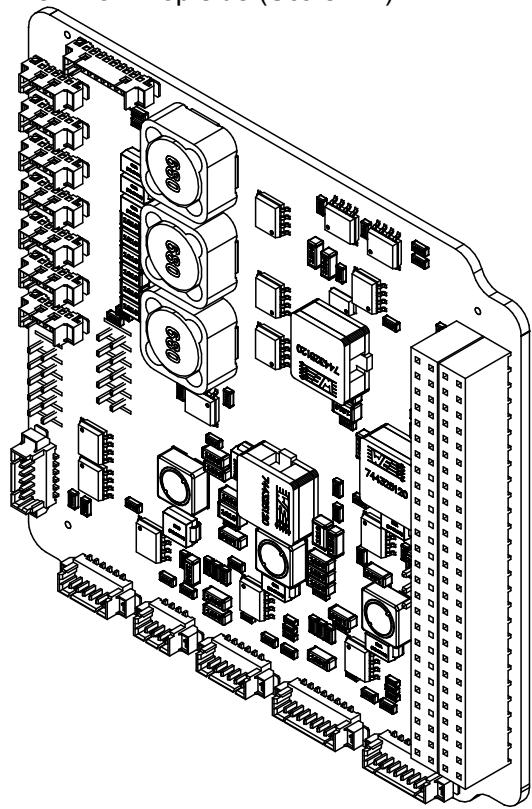
D

E

View from Front side (Scale 1:1)



View from Top side (Scale 1:1)



EPS 2.0 Hardware:

- Drawn by: André M. P. Mattos (updates from FloripaSat-I EPS)
- Based on FloripaSat-I OBDH designed by: Sara V. Martinez
- Reviewers: Kleber Gouveia and Yan C. Azeredo
- Support: Gabriel M. Marcelino

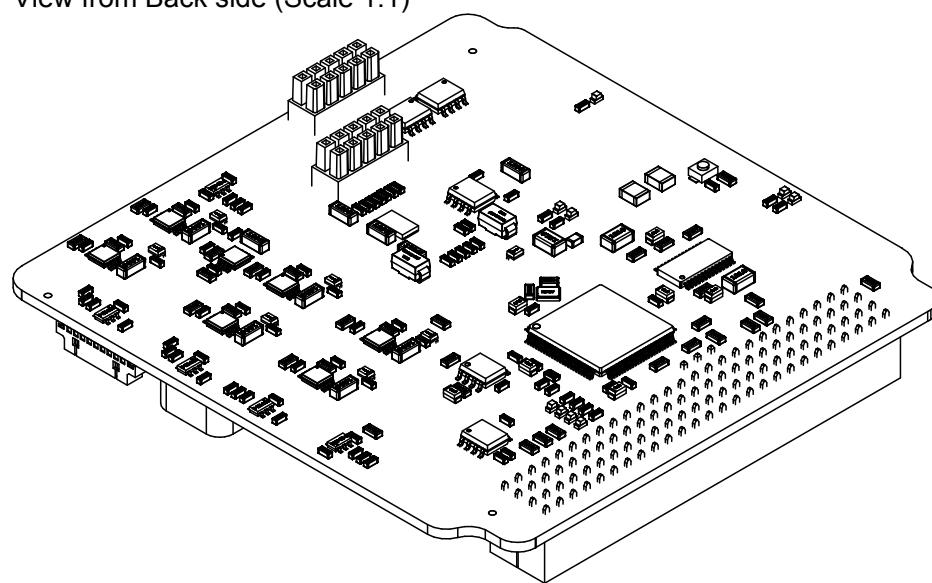
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Github repository: <https://github.com/spacelab-ufsc/eps2>

More info about SpaceLab: <https://spacelab.ufsc.br/>

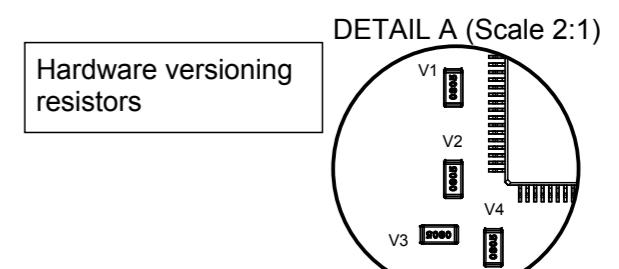
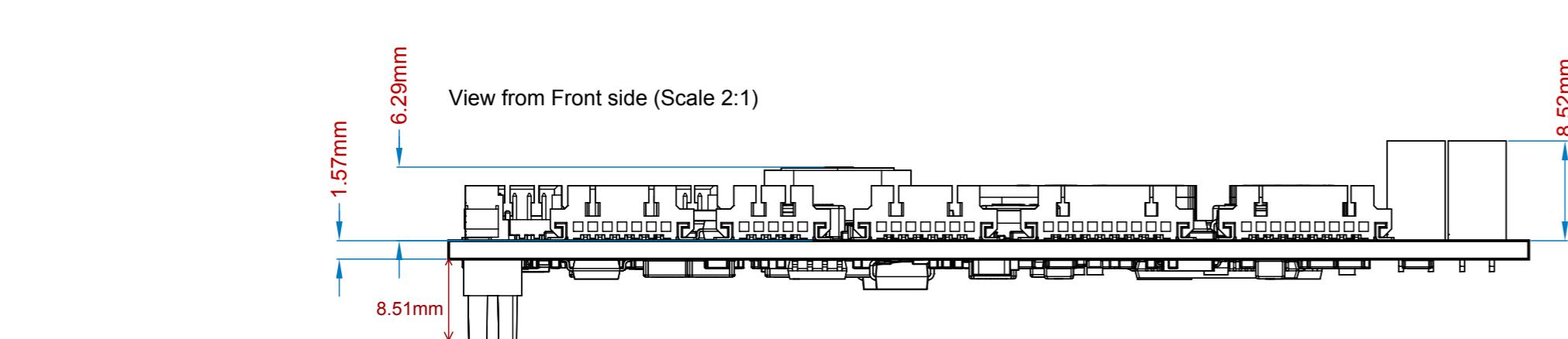
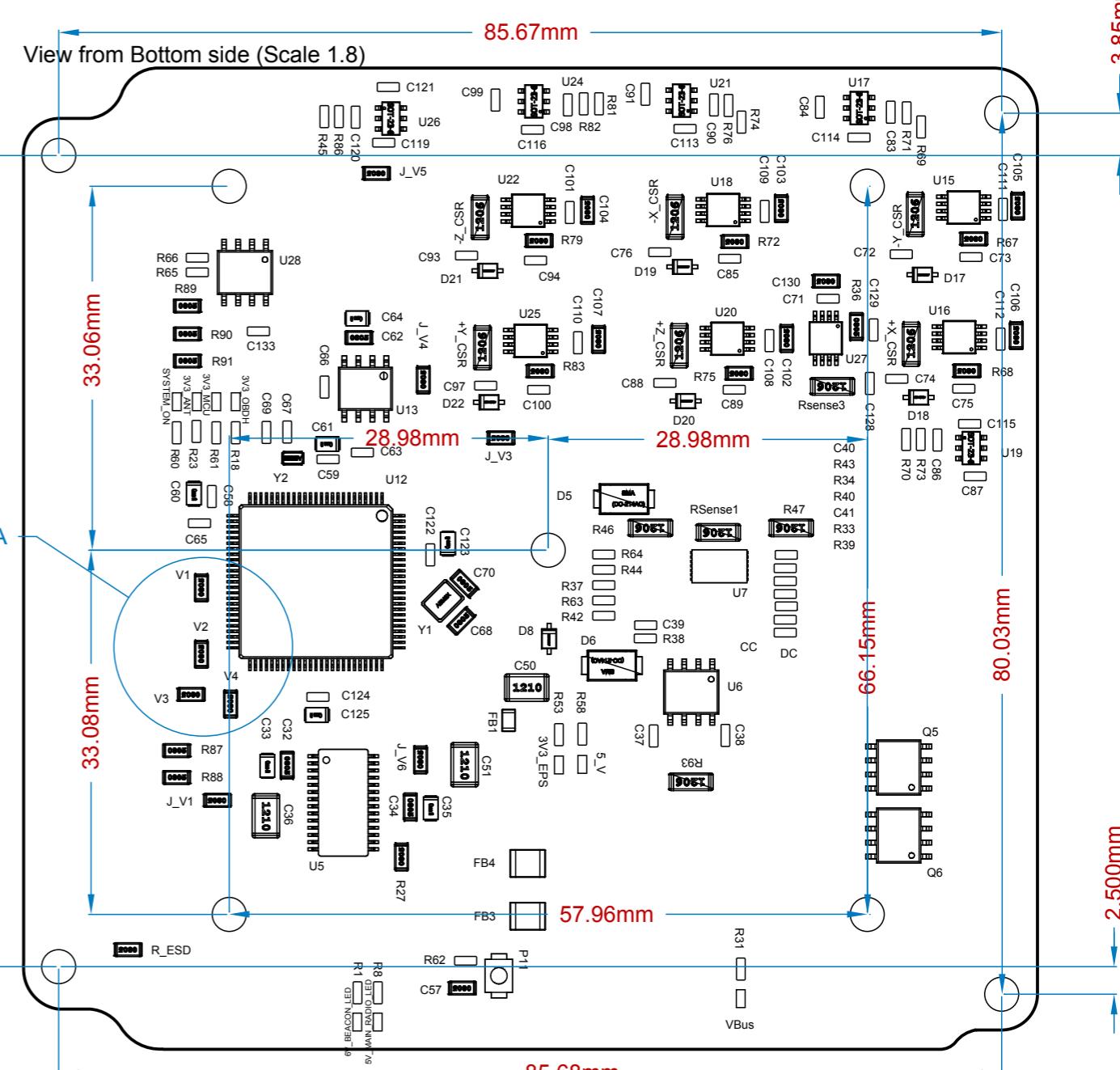
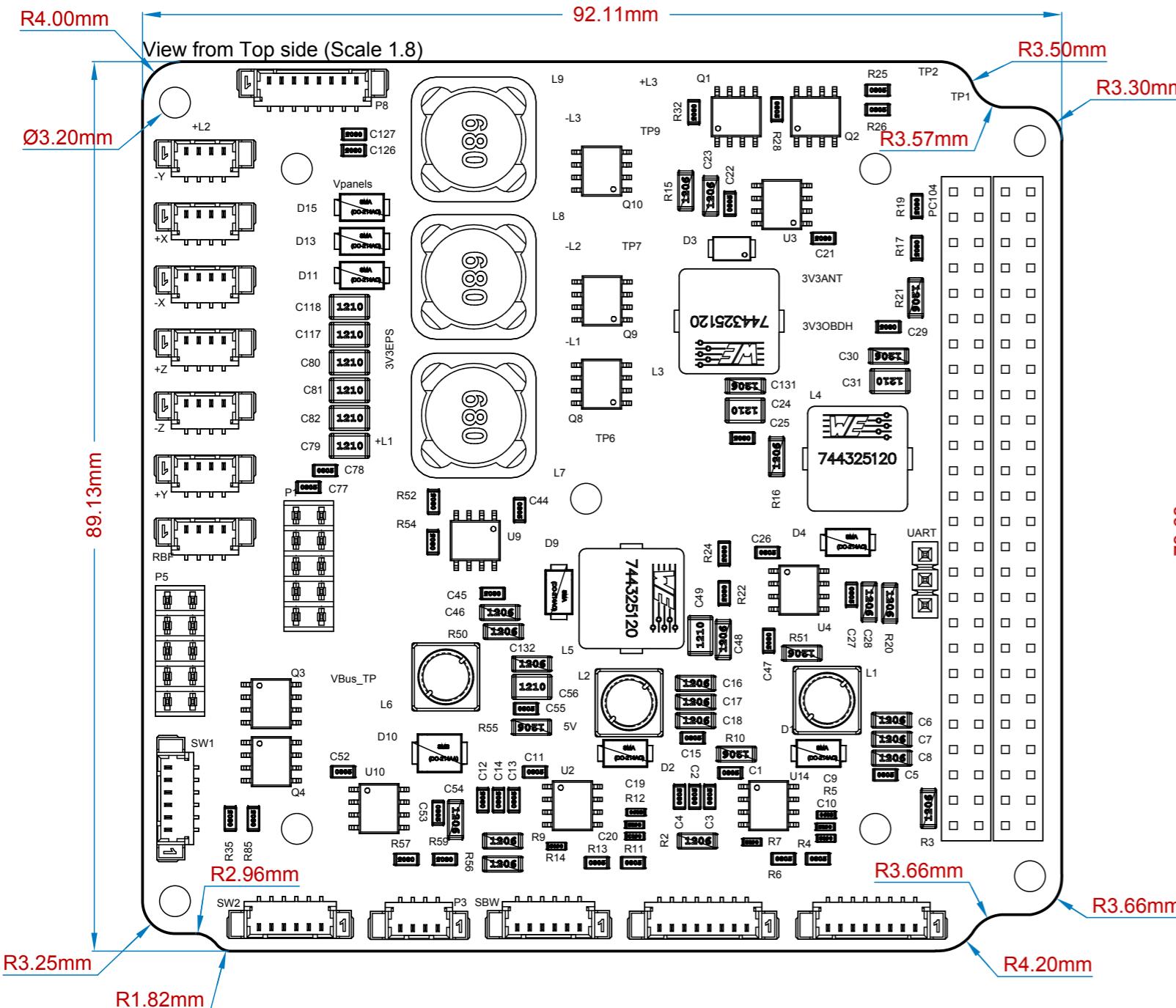
View from Back side (Scale 1:1)



SpaceLab - Federal University of Santa Catarina
Project: Electrical and Power System 2.0
Title: Project info and board isometric views
Designed by: André M. P. Mattos
Date: 16/06/2021 Version: v0.1 Sheet 1 of 3
Project code: EPS2
Sheet size: A4

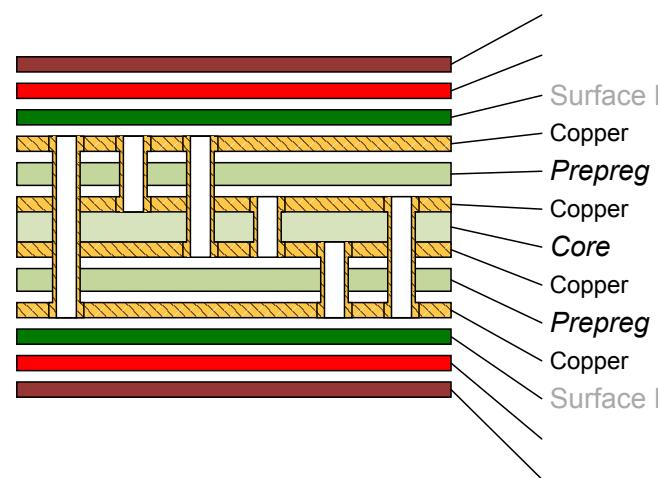


Placed components within a red mesh box  not supposed to be soldered in the flight model of the board.



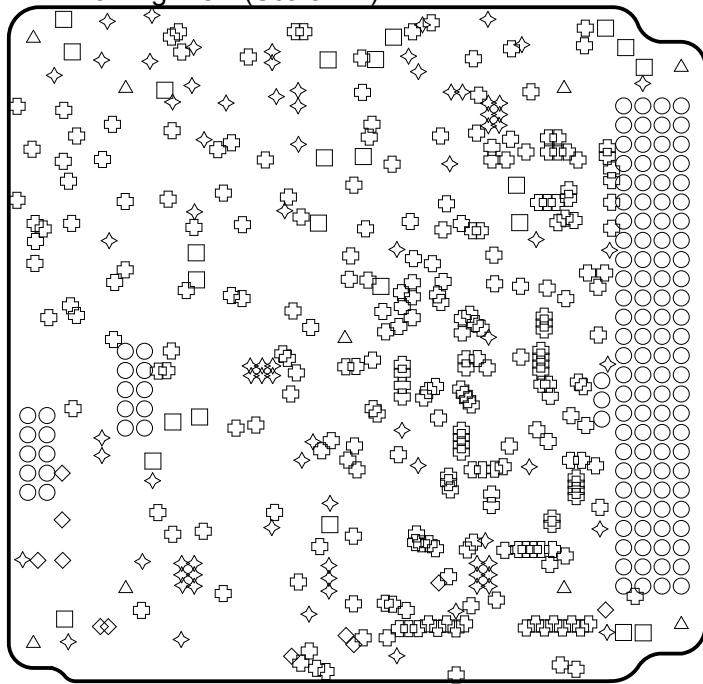
SpaceLab - Federal University of Santa Catarina		
Project: Electrical and Power System 2.0		
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Sheet size: A3		

Layer Stack Legend



Total thickness: 1.59mm

Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
+	255	0.25mm	Plated	None
◇	11	0.38mm	Plated	None
◆	80	0.71mm	Plated	None
○	127	0.90mm	Plated	None
□	24	1.00mm	Plated	None
△	9	3.20mm	Plated	None
506 Total				

SpaceLab - Federal University of Santa Catarina

Project: Electrical and Power System 2.0

Title: Layer stack and drill tables

Designed by: André M. P. Mattos

Date: 16/06/2021 | Version: v0.1 | Sheet 3 of 3



Project code: EPS2

Sheet size: A4