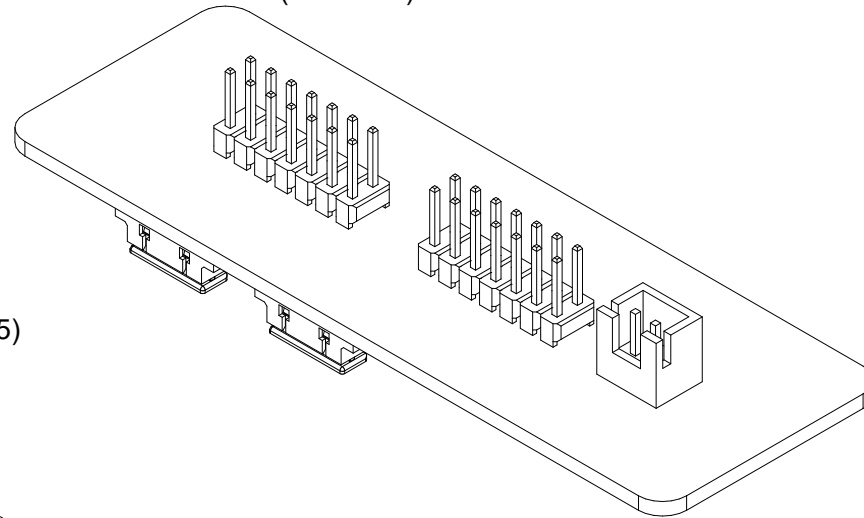
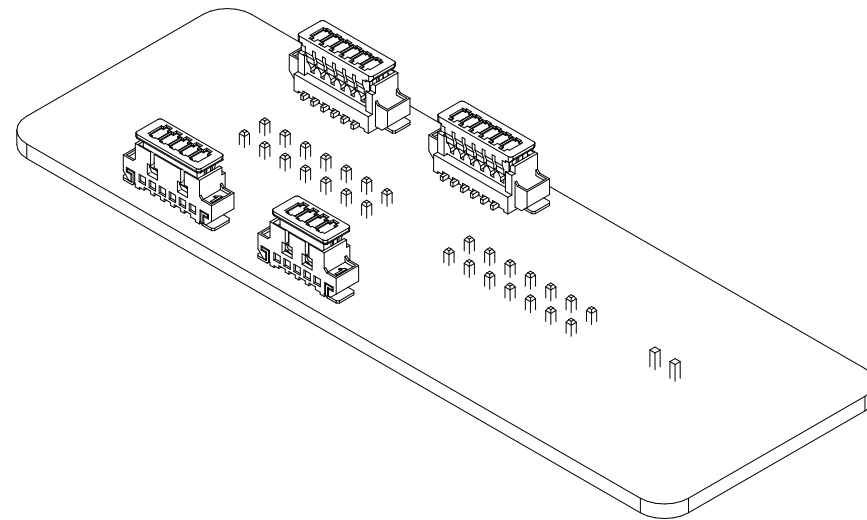
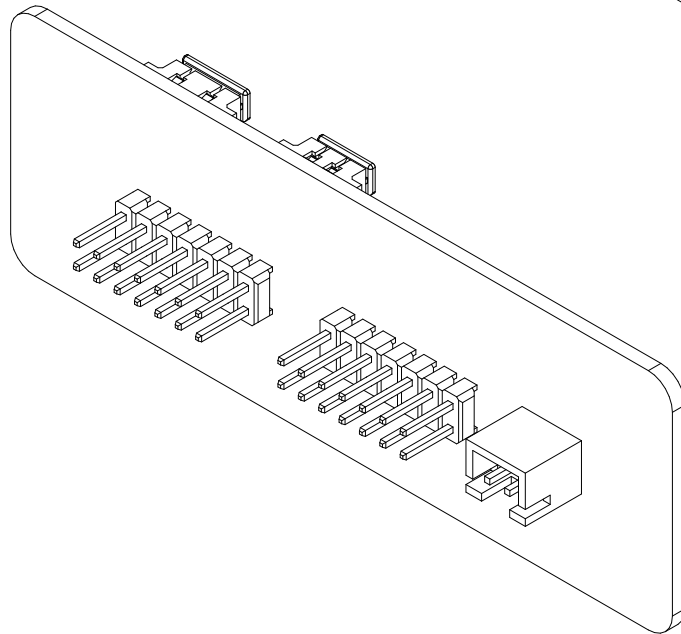


View from Front side (Scale 1.5)



View from Top side (Scale 1.5)



View from Back side (Scale 1.5)

Interstage Interface Panel N°1 "Charge" Hardware:


- Designed by: Yan C. de Azeredo.
- Reviewers: Gabriel M. Marcelino and Andre M. P. Mattos.
- Support: Edemar M. Filho and Caique S. M. Gomes

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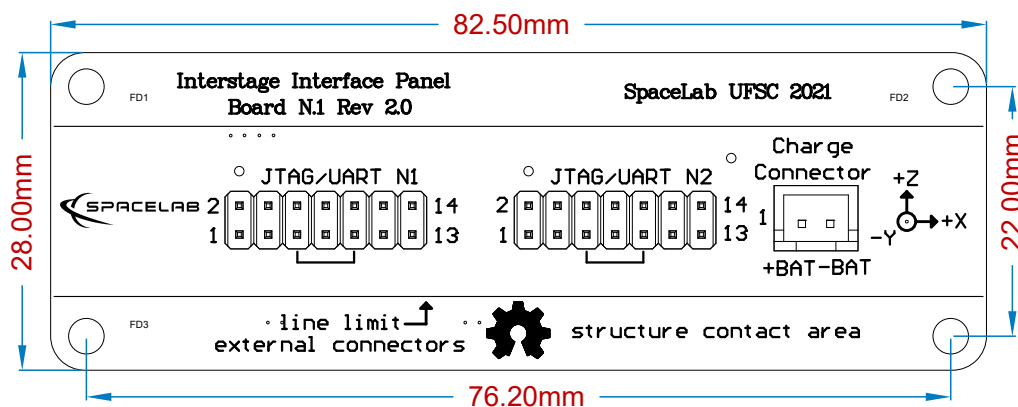
This hardware project is licensed under CERN-OHL-S, version 2.

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

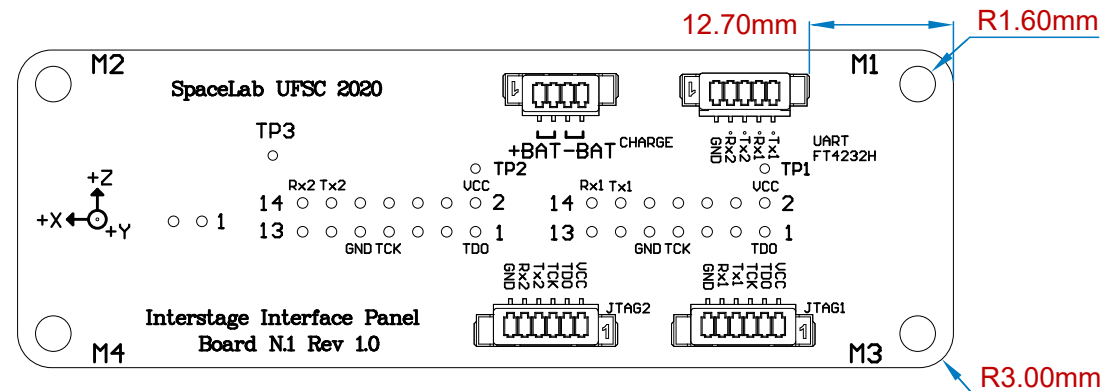
More info about SpaceLab: <https://spacelab.ufsc.br/>

SpaceLab - Federal University of Santa Catarina			
Project: Interstage Interface Panel N°1			
Title: Project info and board isometric views			
Designed by: Yan Castro de Azeredo			Project code: IIPN1
Date: 6/29/2021	Version: v2.0	Sheet 1 of 3	Sheet size: A4

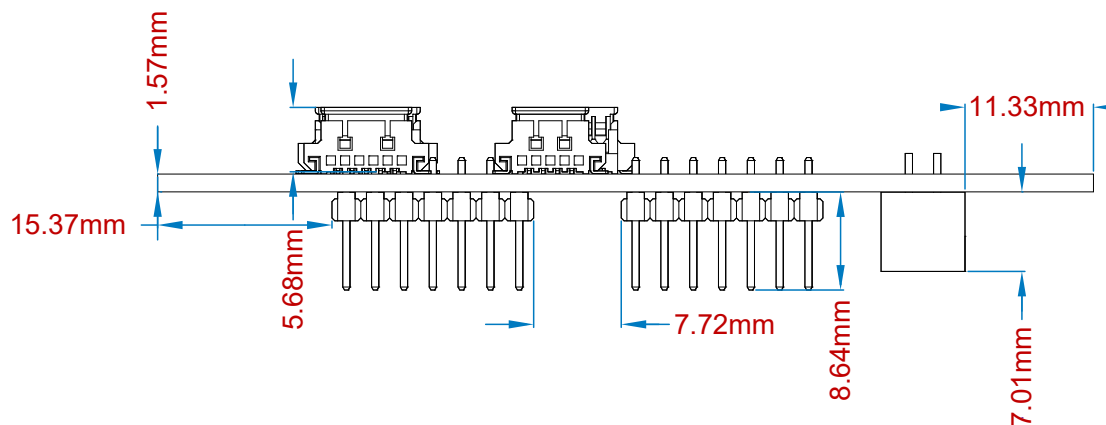
View from Top side (Scale 1.5)




View from Bottom side (Scale 1.5)



View from Back side (Scale 1.5)

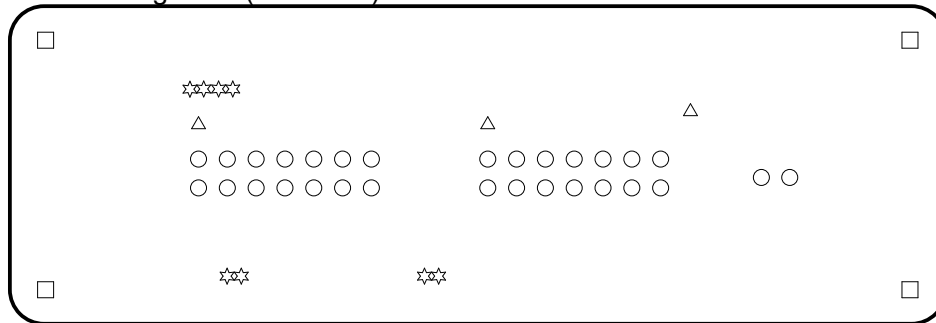


SpaceLab - Federal University of Santa Catarina			
Project: Interstage Interface Panels N°1			
Title: Assembly components and mechanical dimensions			
Designed by: Yan Castro de Azeredo			Project code: IIPN1
Date: 6/29/2021	Version: v2.0	Sheet 2 of 3	Sheet size: A4

Layer Stack Legend


	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Paste			Paste Mask	GTP
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
	Copper	Top Layer	0.04mm		Signal	GTL
			1.50mm	FR-4	Dielectric	
	Copper	Bottom Layer	0.04mm		Signal	GBL
	Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
		Bottom Paste			Paste Mask	GBP
Total thickness: 1.59mm						

Drill Drawing View (Scale 1.5)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	8	0.30mm	Plated	None
△	3	0.90mm	Plated	None
○	30	1.00mm	Plated	None
□	4	3.20mm	Plated	None
45 Total				

SpaceLab - Federal University of Santa Catarina			
Project: Interstage Interface Panel N°1			
Title: Layer stack and drill tables			
Designed by: Yan Castro de Azeredo			Project code: IIPN1
Date: 6/29/2021	Version: v2.0	Sheet 3 of 3	Sheet size: A4