

Interstage Interface Panel N°2 "RBF" Hardware:


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- Support: Edemar M. Filho.

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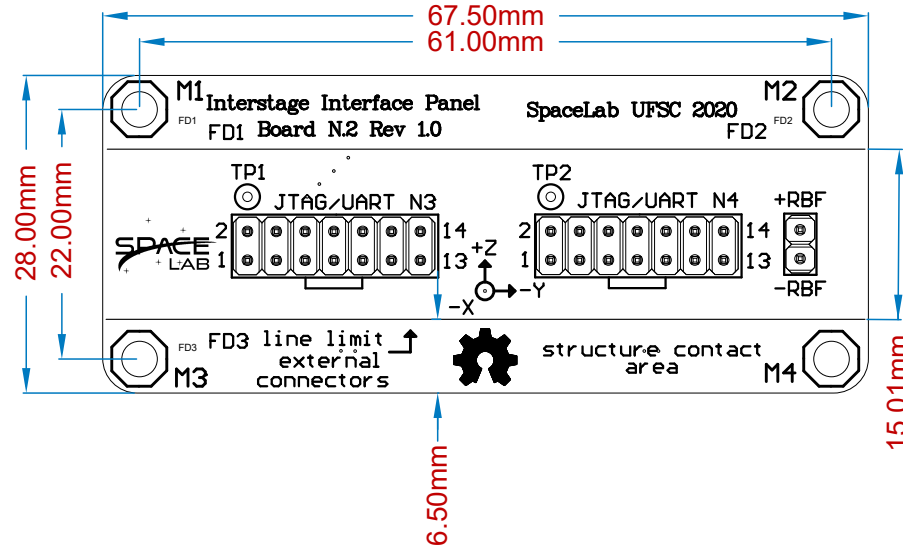
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Github repository: <https://github.com/spacelab-ufsc/interface-board>

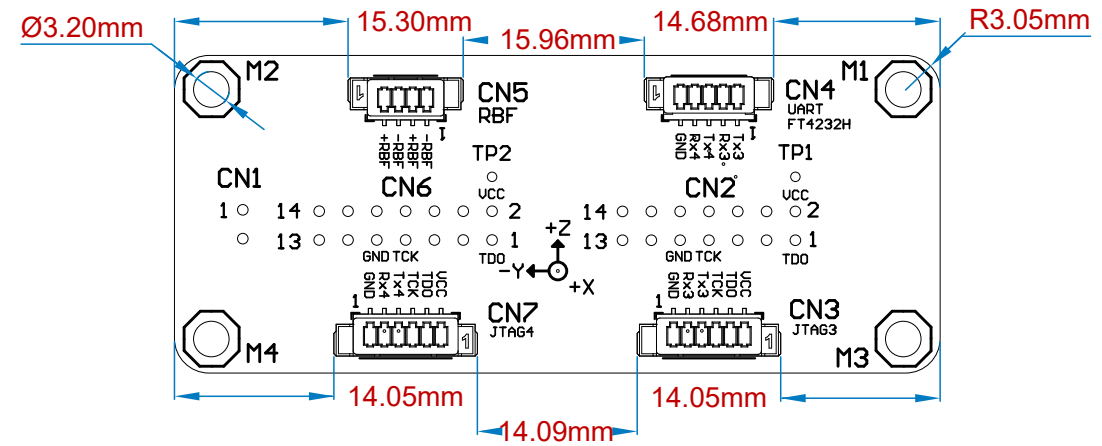
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SpaceLab - Federal University of Santa Catarina			
Project: Interstage Interface Panel Nº2			
Title: Project info and board isometric views			
Designed by: Yan Castro de Azeredo			
Date: 11/29/2020	Version: 1.0	Sheet 1 of 3	Project code: IIPN2
			Sheet size: A4

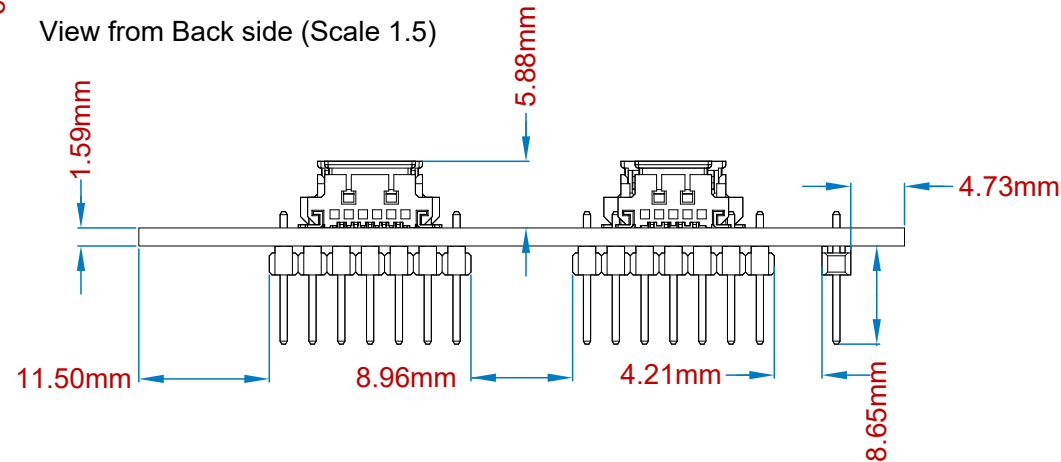
View from Top side (Scale 1.5)




View from Bottom side (Scale 1.5)



View from Back side (Scale 1.5)



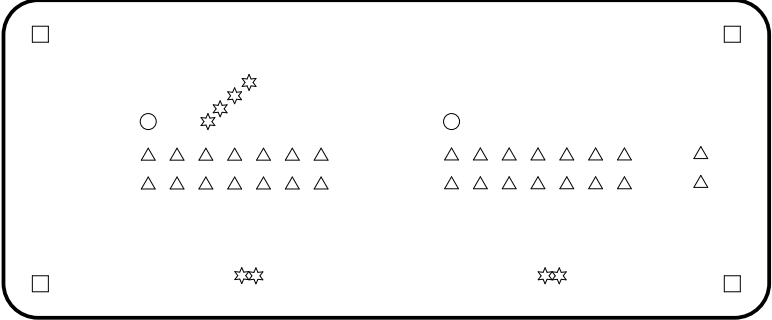
SpaceLab - Federal University of Santa Catarina		
Project: Interstage Interface Panels N°2		
Title: Assembly components and mechanical dimensions		
Designed by: Yan Castro de Azeredo		
Date: 11/29/2020	Version: 1.0	Sheet 2 of 3

	
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Layer Stack Legend


	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		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
Total thickness: 1.59mm						

Drill Drawing View (Scale 1.5)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	8	0.30mm	Plated	
○	2	0.90mm	Plated	
△	30	1.00mm	Plated	
□	4	3.20mm	Plated	
44 Total				

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Project: Interstage Interface Panel N°2			
Title: Layer stack and drill tables			
Designed by: Yan Castro de Azeredo			Project code: IIPN2
Date: 11/29/2020	Version: 1.0	Sheet 3 of 3	Sheet size: A4