



**VORSERIE  
 PRE-SERIES**

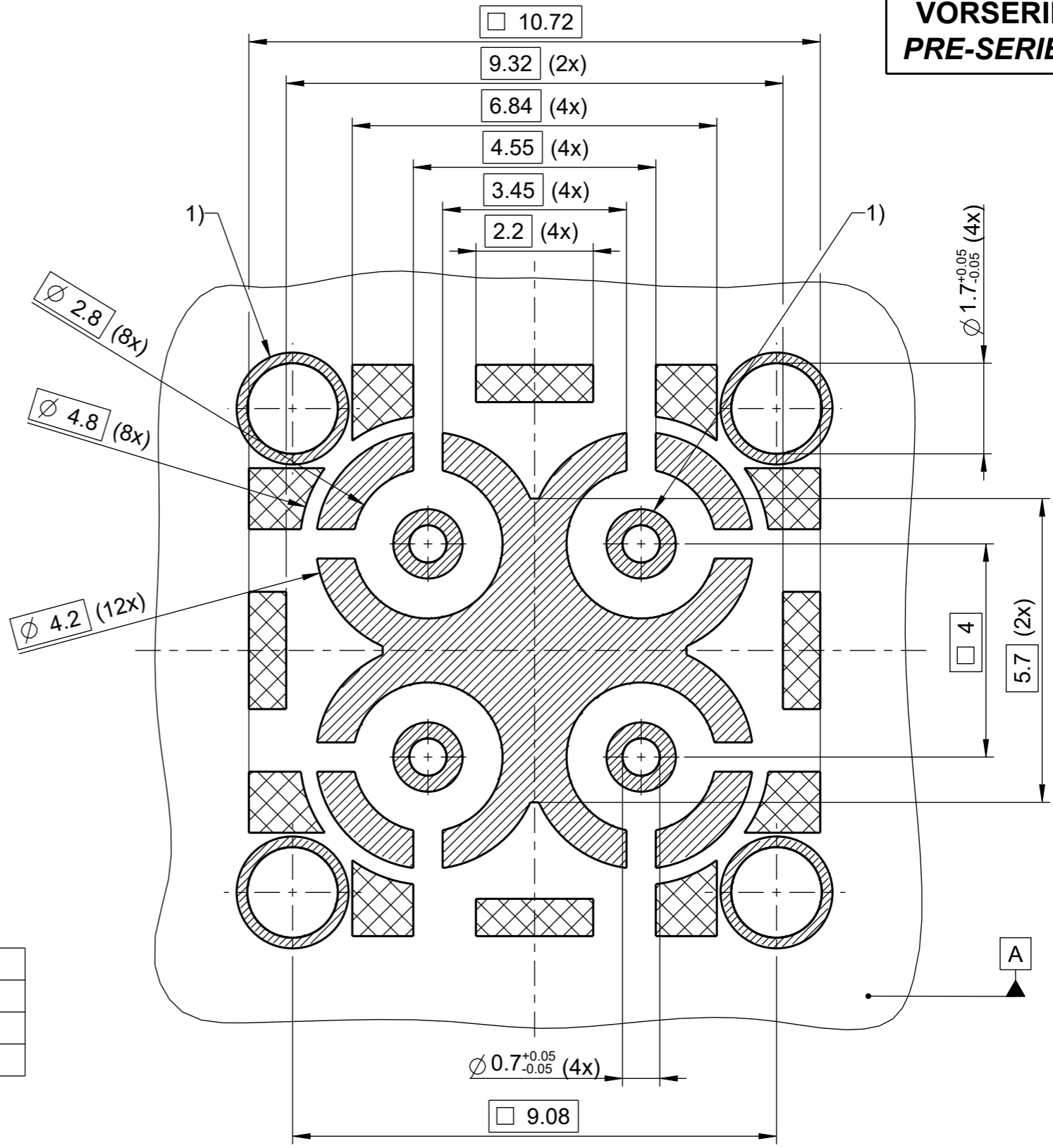
- 1) Pad width 0.2mm min.
- 2) Thickness of soldering paste 0.1mm min. (400)
- 3) All through holes plated inclusive pads on backside

4) All through holes  $\varnothing 0.05$  (M) A

5) Solder area and keep out area 0.2 A B-B

 solder area (9x)

 keep out area, free of solder, no routing underneath (12x)



Rev.	Date	Change
400	02.11.2019	Changed thickness of soldering paste from 0.15 to 0.1mm
500	15.12.2021	added the 'Recommendation for Device cutout'
600	09.05.2022	adjusted references

The stated dimensions are only recommendations.

A wide variety of transmissionline topologies and pcb-parameters like permittivity, substrate thickness, and board-stackup are applied by customers. These parameters have a strong impact on the high frequency performance of the mounted connector.

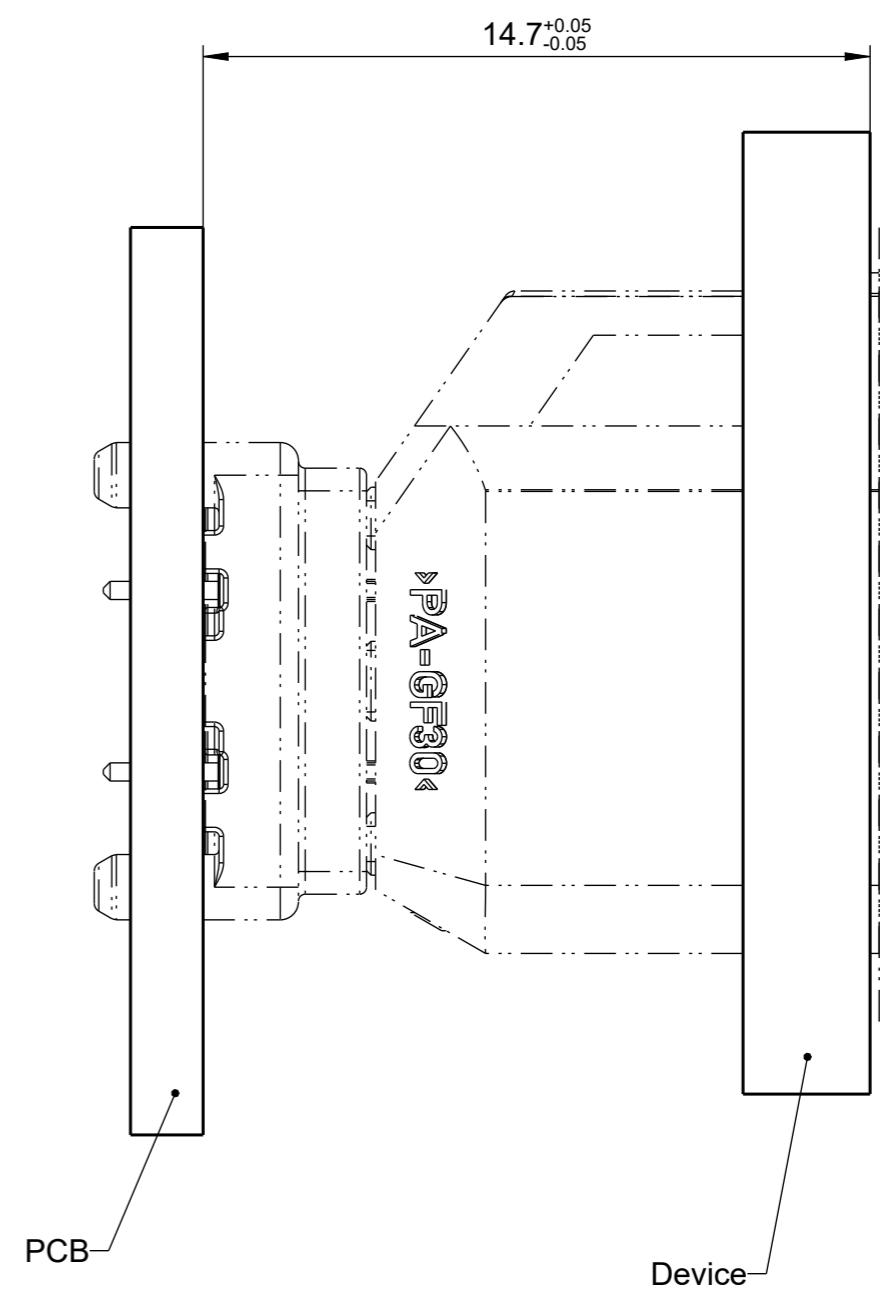
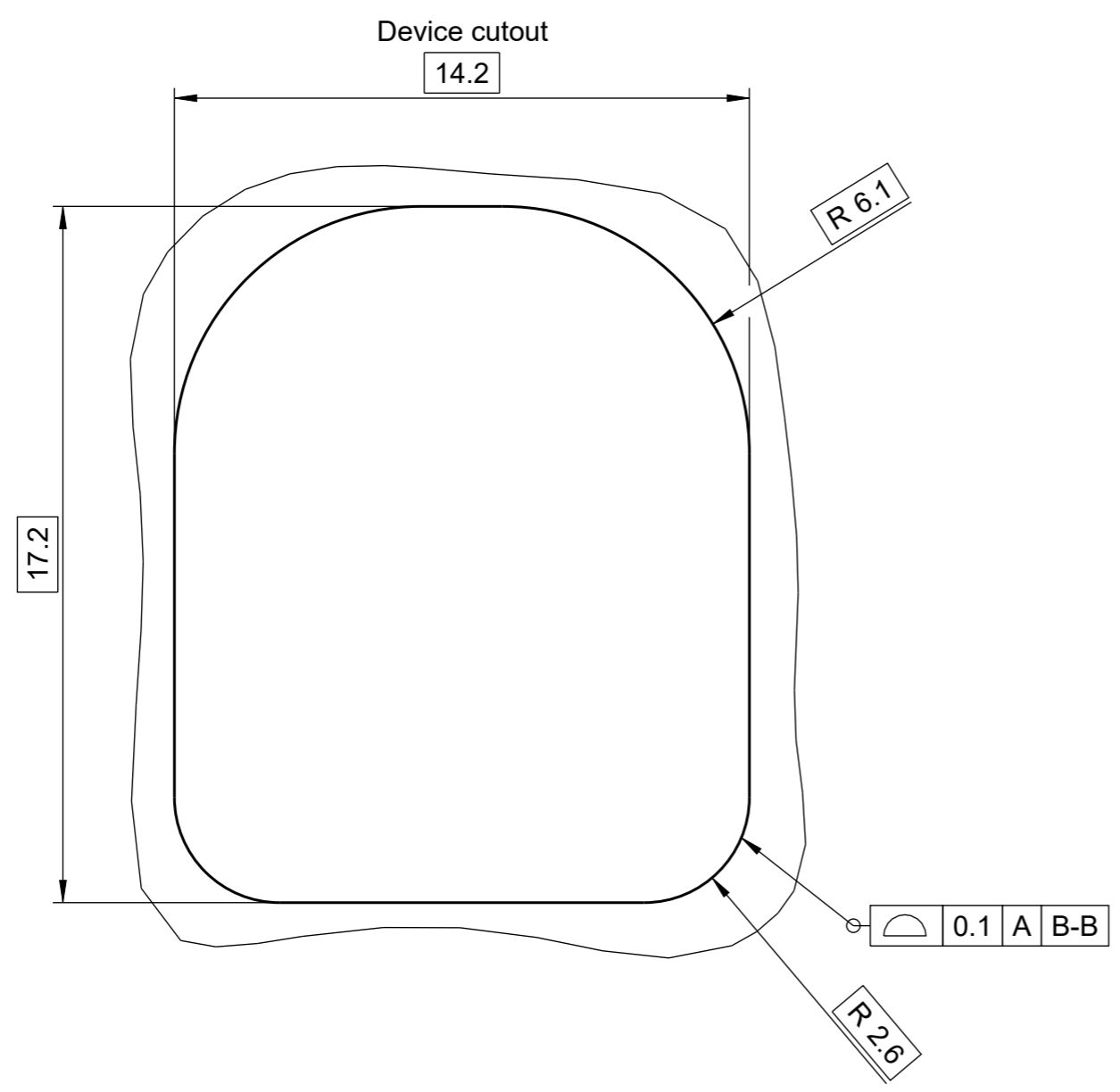
Please note, that the given layout is not optimised to fit all of the possible board configurations regarding RF-performance, it represents a recommendation for optimal solderability of the connector.

In order to guarantee optimal high frequency properties of the connector, an RF-analysis of the connector to board transition is recommended.

<b>Rosenberger</b>			general tolerance	scale: 10:1	weight[g]:	
ISO 2768 mH			RN 006-01	surface[mm <sup>2</sup> ]:		
vertraulich / confidential			dimensions <0,5 and symmetry	material:		
date			title:			
name			PCB Layout			
drawn 25.04.2017 A_Krejber			PCB layout			
check 18.05.2022 M_Kotewitz			drawing-no.: MB_639			
appr. 18.05.2022 T_Georg			sheet: 1			
dimensioning incl. plating			of: 2			
drawing-no.: MB_639			remarks: .			
Size ISO 14405 (E)						
Tolerancing ISO 8015						
rev.	change-no	name	date			

**VORSERIE  
PRE-SERIES**

# Recommendation for Device cutout 500



© ROSENBERGER HOCHFREQUENZTECHNIK GMBH & Co. KG or THIRD PARTY  
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization by the owner or rights-holder is prohibited. Offenders can be held liable. All rights reserved in the event of the grant of patent, utility model or design.

PD\_FB\_01

-METRIC-

ISO-Projektion  
Methode 1

The stated dimensions are only recommendations.  
Responsible for the details of design is the manufacturer.

<b>Rosenberger</b>		general tolerance		scale: 6:1	weight[g]:			
		ISO 2768	RN 006-01	surface[mm <sup>2</sup> ]:				
vertraulich / confidential		mH		material:				
		dimensions <0,5 and symmetry		title:				
		date	name	<b>PCB Layout PCB layout</b>				
600	22-0107	L_Tuerk	09.05.2022			drawn	25.04.2017	A_Krejber
500	21-2488	L_Tuerk	15.12.2021			check.	18.05.2022	M_Kotewitz
400	20-2139	M_Jacobs	03.11.2020			appr.	18.05.2022	T_Georg
		dimensioning incl. plating		drawing-no.:		sheet:		
				MB_639		2		
						of: 2		
				remarks: .				
300	19-2042	C_Zwinger	31.10.2019	Size ISO 14405 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">E</span> Tolerancing ISO 8015				
200	19-v547	C_Zwinger	14.08.2019					
100	17-m331	A_Krejber	13.02.2018					
rev.	change-no	name	date					