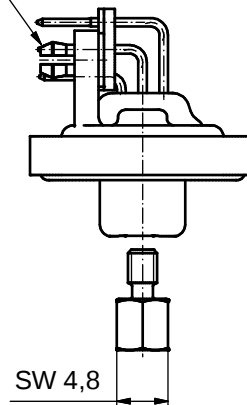
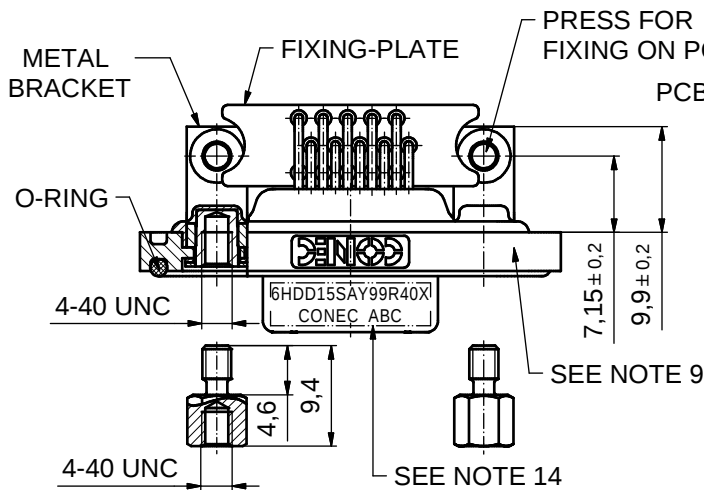
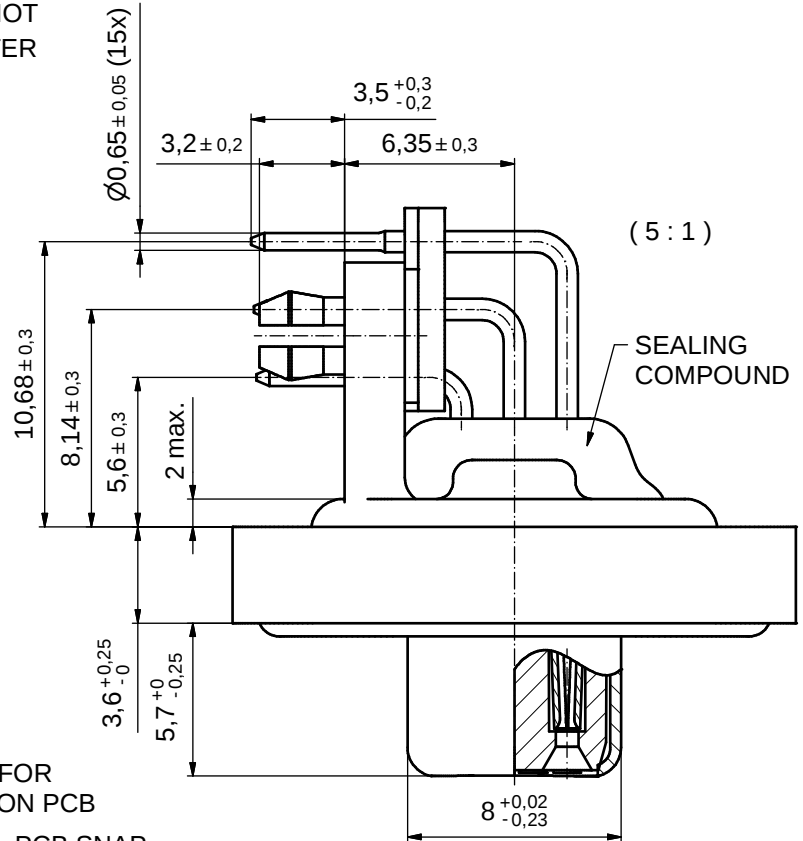
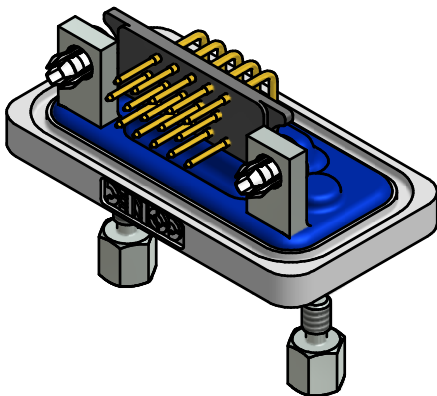


Technical drawing of the front view of the connector housing. The drawing shows a rectangular housing with rounded corners and a central 15-pin D-sub connector. Dimensions are given in mm:

- Overall width: $39,4^{+0,3}_{-0}$
- Overall height: $21,1^{+0,3}_{-0}$
- Distance between mounting holes: $25^{+0,12}_{-0,13}$
- Distance between pin contacts: $16,41^{+0,05}_{-0,2}$
- Chamfer angle: 10°

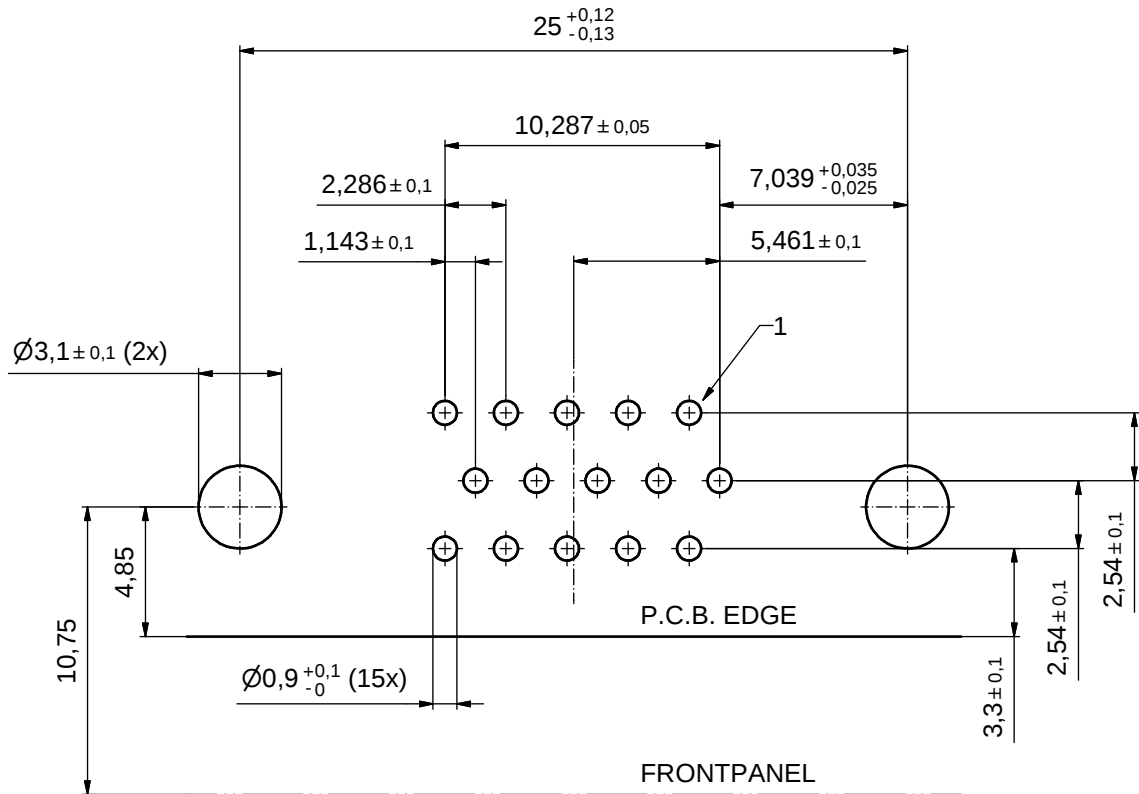


1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 240°C FOR 5 SEC.
AND SOLDER PREHEAT 120°C FOR 120 SEC.)
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0; BLACK
4. CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
5. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
6. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
8. HEXLOCKING SCREWS: STAINLESS STEEL
9. FRAME: ZINC DIE CAST; NICKEL PLATED
10. FIXING PLATE: PBT GF UL 94 V-0; BLACK
11. O-RING: SILICON; BLUE
12. P.C.B. HOLE DRILLINGS AND RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max.40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: 6HDD15SAY99R40X CONEC ABC

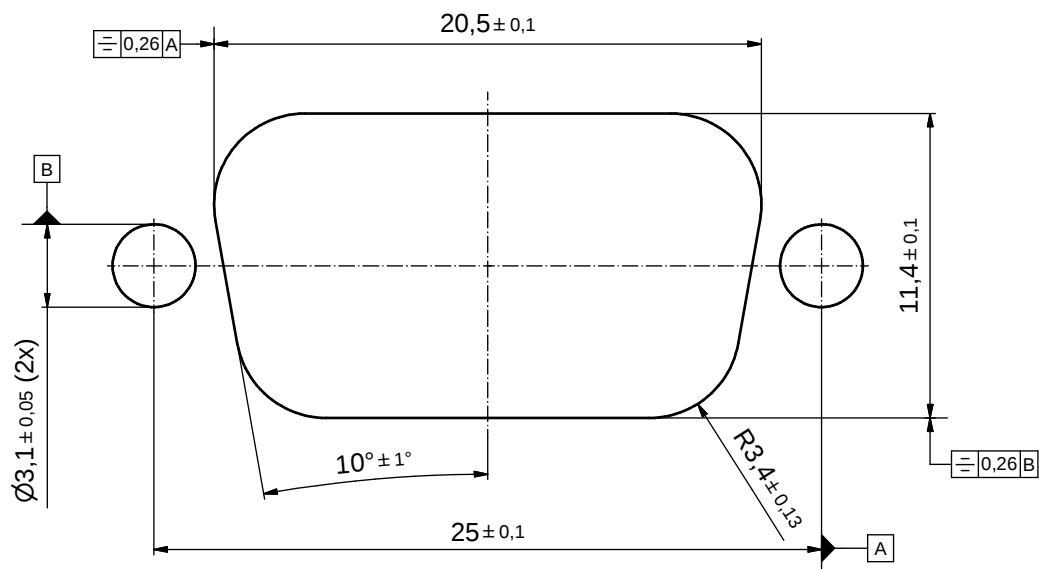


THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH					tolerance		 dim. in mm	scale: 2:1 (5:1)	
								material: SEE NOTES	
					date	name	title: D-SUB HD FEMALE 90° 15pos. SOLDER PIN ANGLED threaded insert, metal bracket, fixing plate, snap		
					drawn 02.11.2011	Gitlinow			
					appd. 02.11.2011	Fischer			
					norm				
					d-old		dwg no: 15K1A959 DIN-A3 sh: 1		
									
	a	Original							
rev.	description	date	name			part no: 6HDD15SAY99R40X			

P.C.B. HOLE DRILLINGS (P.C.B. TOP SIDE)



RECOMMENDED PANEL CUT-OUT



THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH	DO NOT ALTER CAD DRAWING BY HAND				tolerance		 dim. in mm	scale: 5:1		
								material: SEE SHEET 1		
					date	name	title: P.C.B. HOLE DRILLINGS D-SUB HD FEMALE 90°, 15pos. ANGLED threaded insert, metal bracket, fixing plate, snap			
					drawn	02.11.2011				Gitinow
					appd.	02.11.2011				Fischer
					norm					
					d-old			dwg no:		
								15K1A959		
	a	Original						DIN-A3		
	rev.	description	date	name				sh: 2		
								part no: SEE SHEET 1		