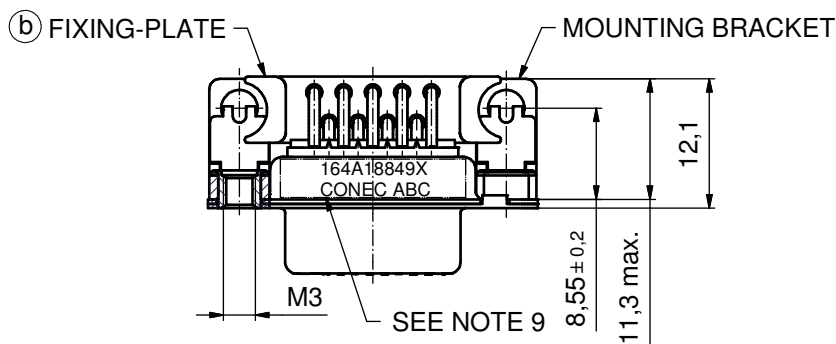
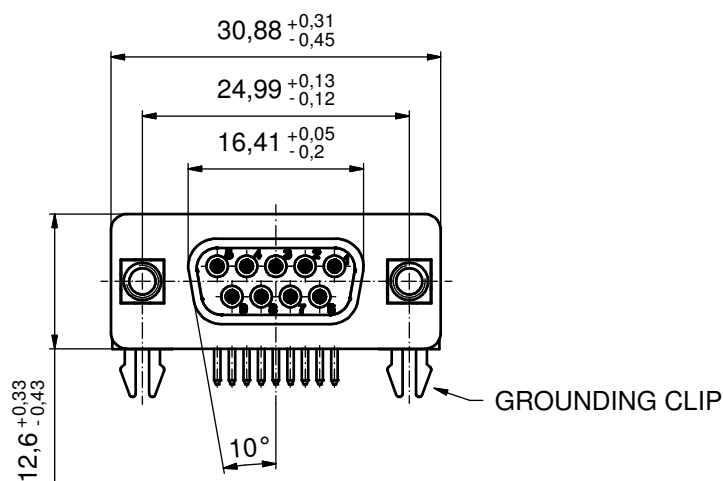
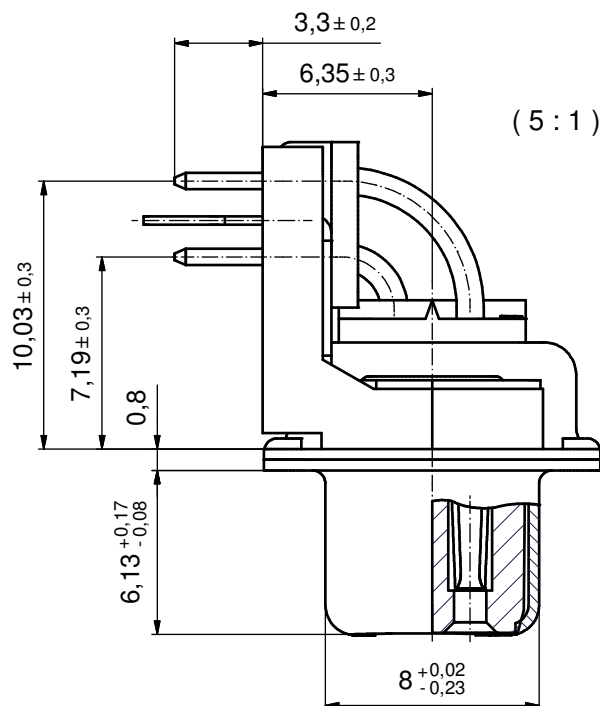
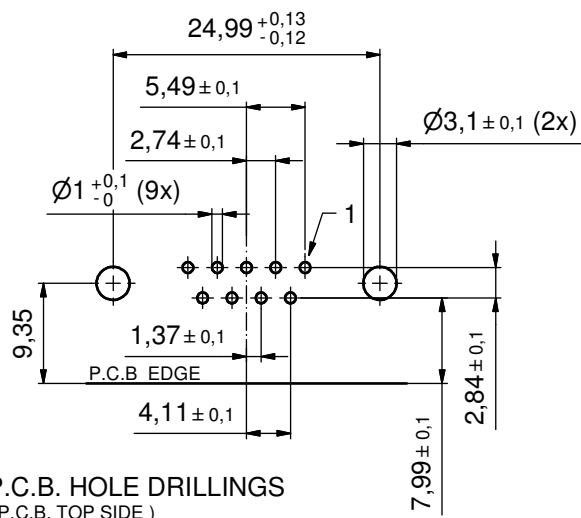
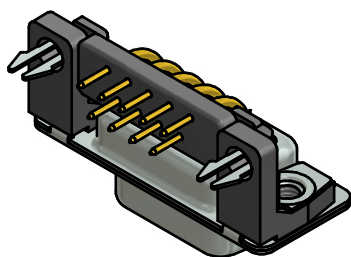


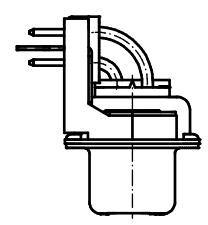
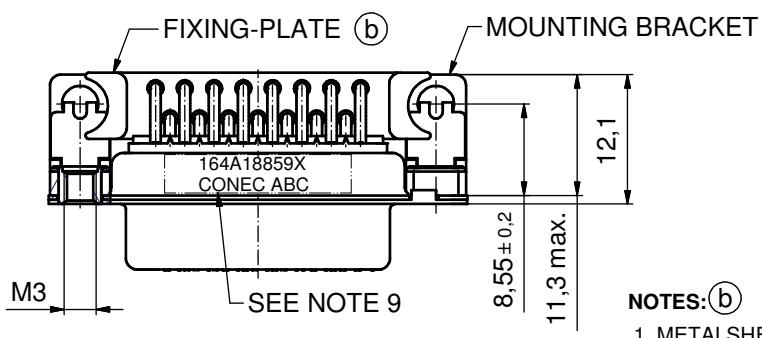
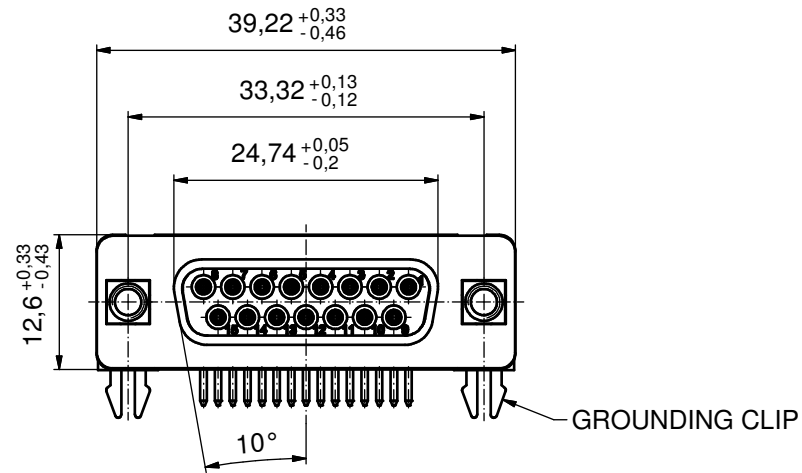
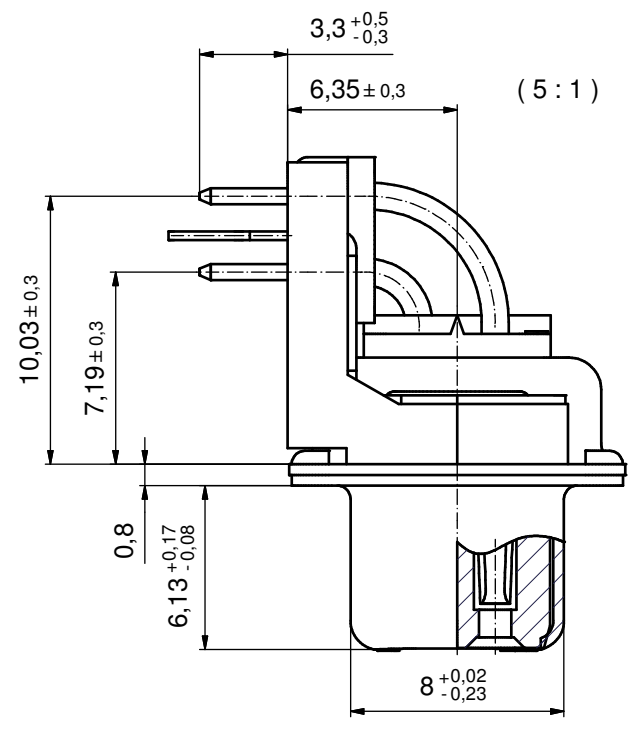
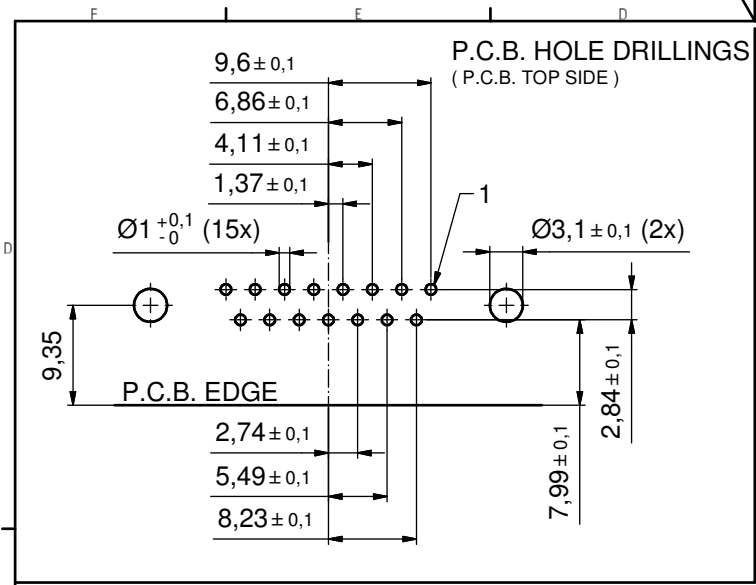
NOTES: (b)

- METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- MOUNTING BRACKETS: PBT GF UL 94 V-0; BLACK
- THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- GROUNDING-CLIPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 164A18849X CONEC ABC

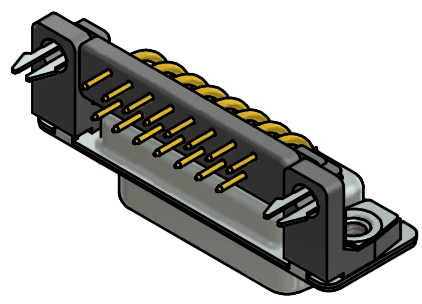


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								material: SEE NOTES		
					date	name	title: D-SUB FEMALE 90° 9pos. SOLDER PIN ANGLED 0.318inch threade insert,mounting bracket,grounding clip			
					drawn	28.09.01				Parei
					appd.	28.09.01				Mickenbecker
					norm	DIN 41652				
					d-old			dwg no:		DIN-A3 (b) sh:1/6
	3 x b	Ä3816	29.11.10	K.H.						
	a	Original								
	rev.	description	date	name				part no:		164A18849X



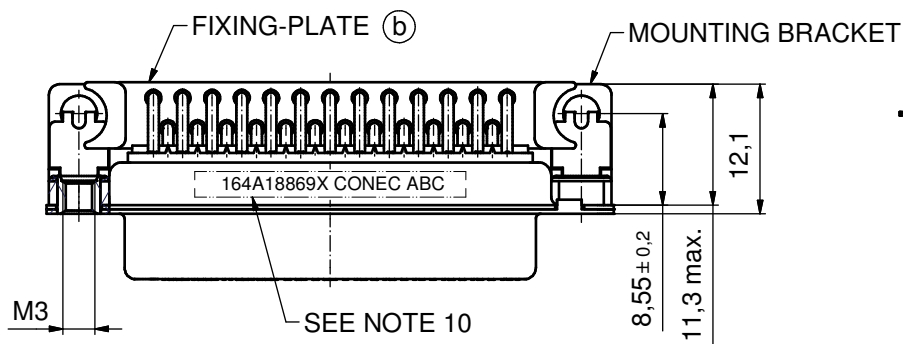
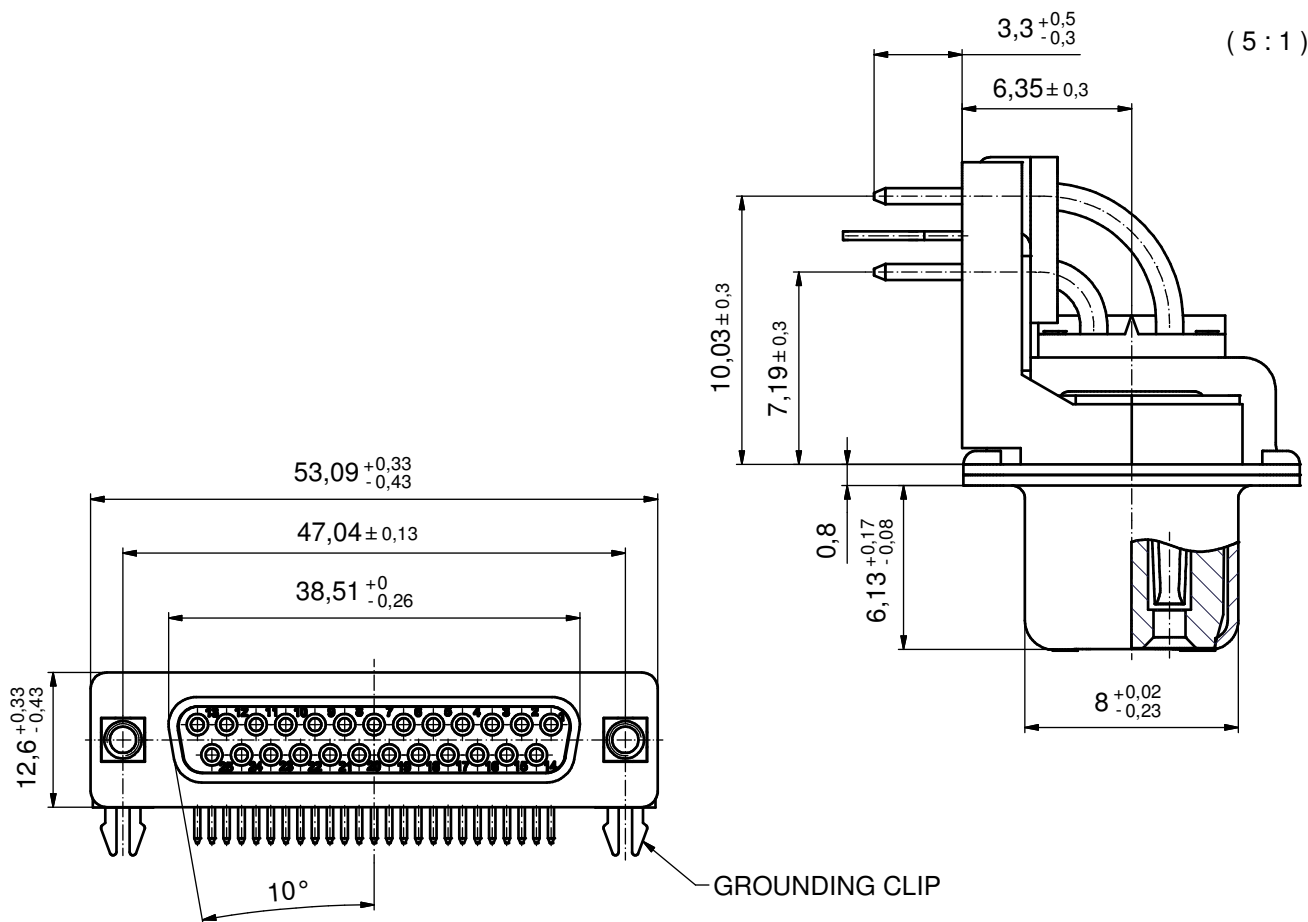
- NOTES:** (b)
1. METAL SHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
 2. INSULATORS: PBT GF UL 94 V-0; BLACK
 3. CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
 4. MOUNTING BRACKETS: PBT GF UL 94 V-0; BLACK
 5. THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
 6. GROUNDING-CLIPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
PCB-HOLE: $\varnothing 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
 7. FIXING-PLATE: PBT GF UL 94 V-0; BLACK
 8. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
 9. CONNECTOR IS PART MARKED: **164A18859X CONEC ABC**



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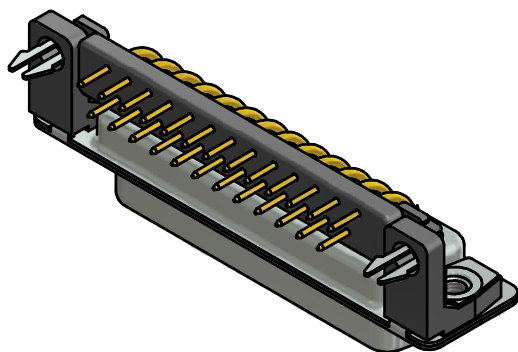
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)				
							material: SEE NOTES				
								date	name	title: D-SUB FEMALE 90° 15pos. SOLDER PIN ANGLED 0.318inch thread insert,mounting bracket,grounding clip	
								drawn 28.09.01	Parei		
								appd. 28.09.01	Mickenbecker		
				norm	DIN 41652						
				d-old		dwg no:		DIN-A3 (b) sh: 2/6			
3 x b	Ä3816	26.11.10	K.H.								
a	Origin										
rev.	description	date	name	part no: 164A18859X							

(b) sh: 2/6



NOTES: (b)

- METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- MOUNTING BRACKETS: PBT GF UL 94 V-0; BLACK
- THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- GROUNDING-CLIPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
PCB-HOLE: $\varnothing 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- P.C.B HOLE DRILLINGS ON SHEET 4
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 164A18869X CONEC ABC

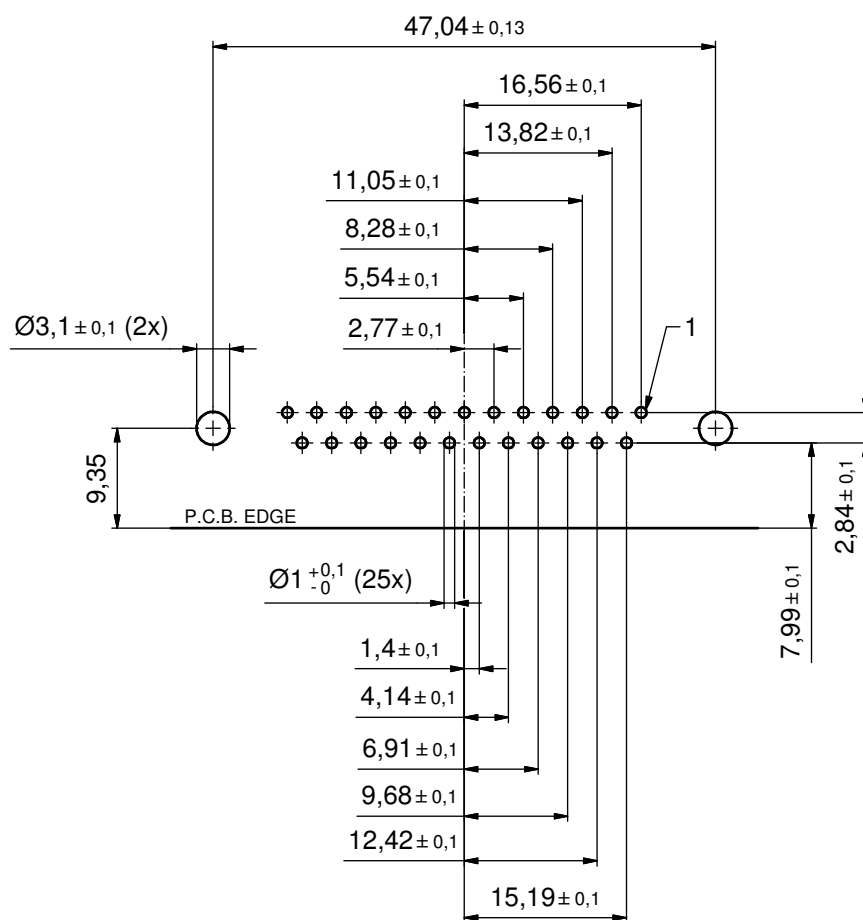


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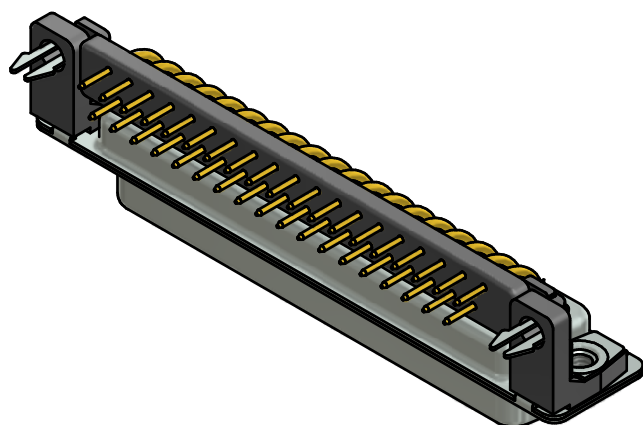
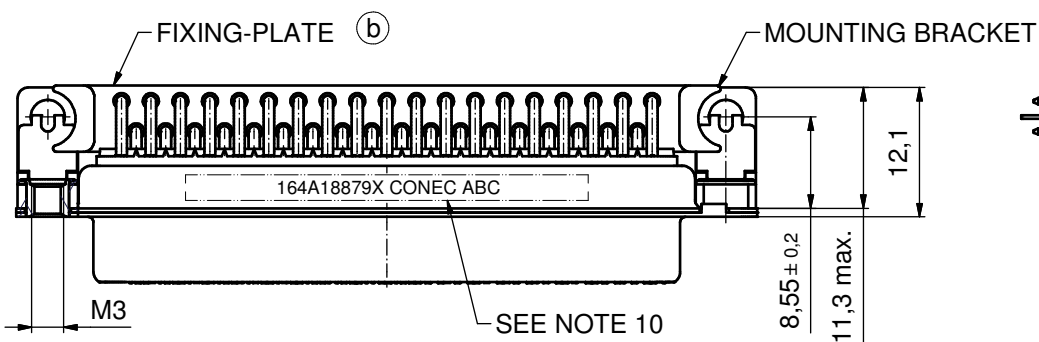
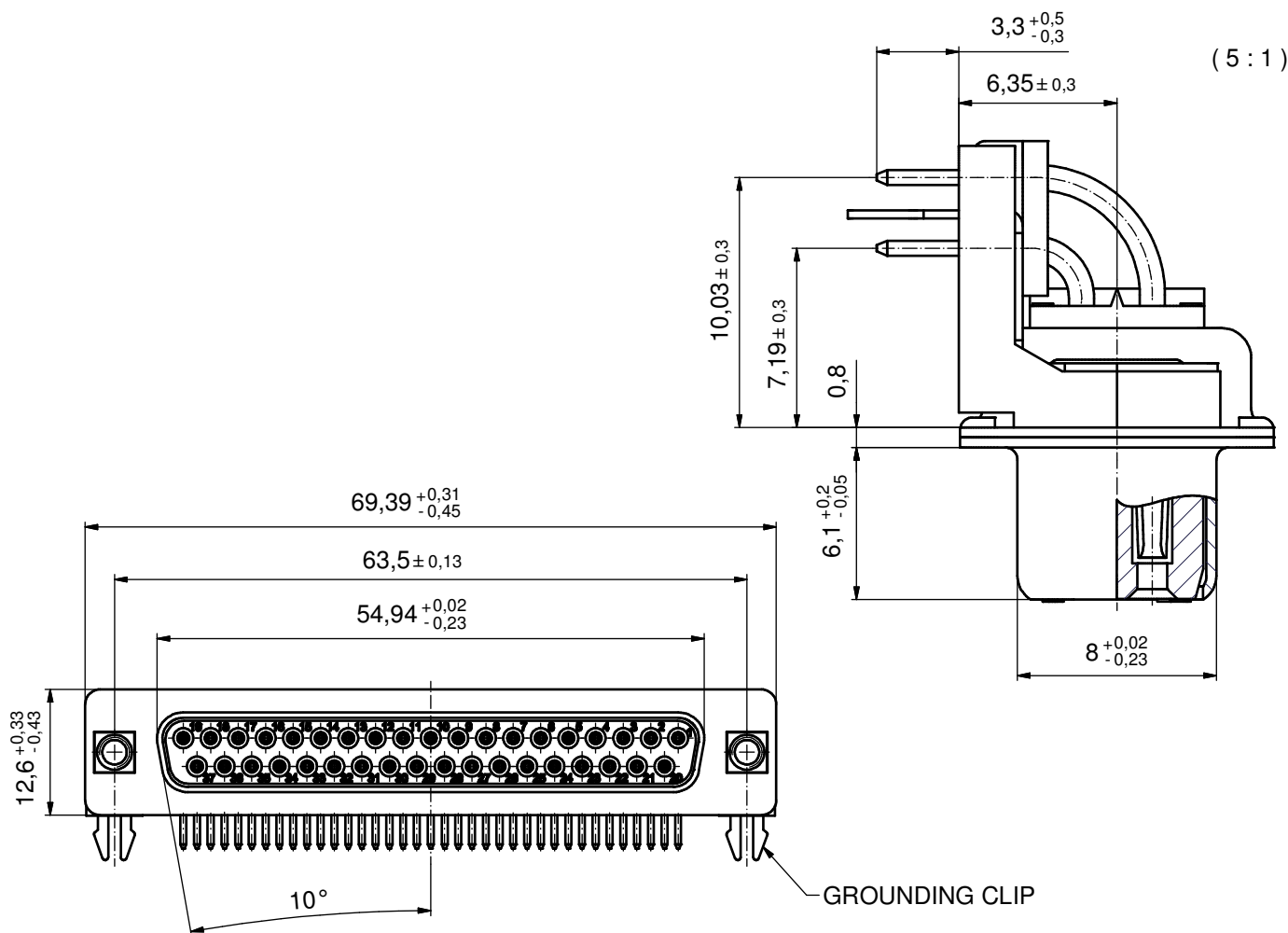
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)		
							material: SEE NOTES		
							title: D-SUB FEMALE 90° 25pos. SOLDER PIN ANGLED 0.318inch thread insert,mounting bracket,grounding clip		
DO NOT ALTER CAD DRAWING BY HAND					date	name	dwg no: 16K1A319A part no: 164A18869X		
					drawn 28.09.01	Parei			
					appd. 28.09.01	Mickenbecker			
					norm	DIN 41652			
				d-old			DIN-A3 sh: 3/4		
3 x b	Ä3816	29.11.10	K.H.						
a	Origin								
rev.	description	date	name						

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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							material: SEE SHEET3						
						dim. in mm		title: P.C.B. HOLE DRILLINGS D-SUB Female 25pos. 0.318inch with thread insert,mounting bracket and grounding clip					
						date						name	
						drawn 28.09.						Parei	
		appd. 28.09.		Mickenbecker		dwg no: 16K1A319A part no: SEE SHEET3							
		norm											
		d-old											
						DIN-A3							
a		Origin				sh: 4/6							
rev.		description				date		name					



NOTES: (b)

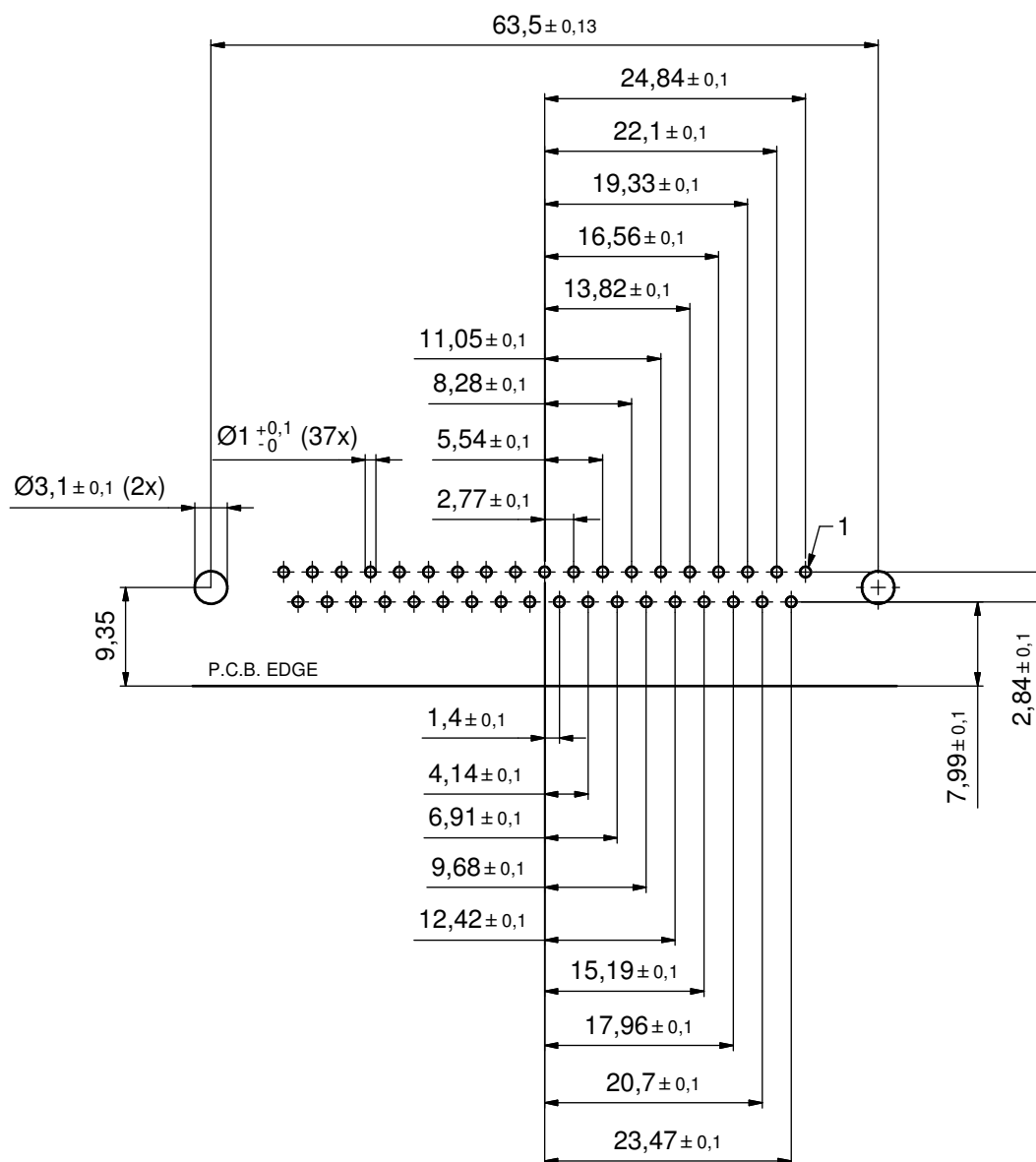
- METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- MOUNTING BRACKETS: PBT GF UL 94 V-0; BLACK
- THREADED INSERTS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- GROUNDING-CLIPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
PCB-HOLE: $\varnothing 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- P.C.B HOLE DRILLINGS ON SHEET 6
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 164A18879X CONEC ABC

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								material:		SEE NOTES				
				DO NOT ALTER CAD DRAWING BY HAND				date		name		title: D-SUB FEMALE 90° 37pos. SOLDER PIN ANGLED 0.318inch thread insert,mounting bracket,grounding clip		
								drawn	28.09.01	Parei				
appd.	28.09.01	Mickenbecker												
norm														
d-old								dwg no:		DIN-A3 sh: 5/6				
3 x b		Ä3816												
a		Origin												
rev.		description	date	name			part no:		164A18879X					

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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							material: SEE SHEET 5					
								date	name	title: P.C.B. HOLE DRILLINGS D-SUB Female 37pos. 0.318inch with thread insert, mounting bracket and grounding clip		
								drawn	28.09.01			Parei
								appd.	28.09.10			Mickenbecker
				norm								
				d-old		dwg no:		DIN-A3				
	a	Origin				16K1A319A		sh:				
rev.	description	date	name			part no: SEE SHEET 5						