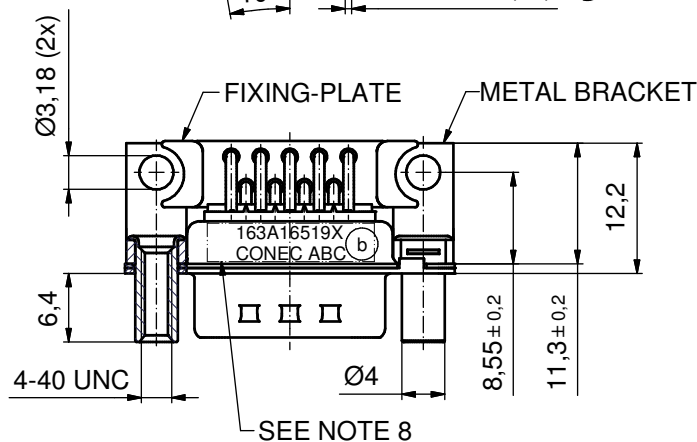
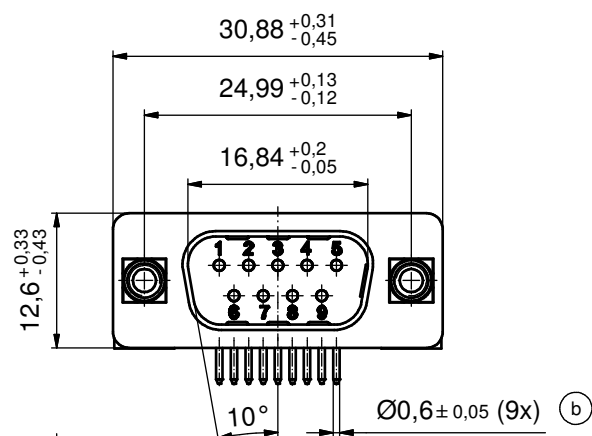
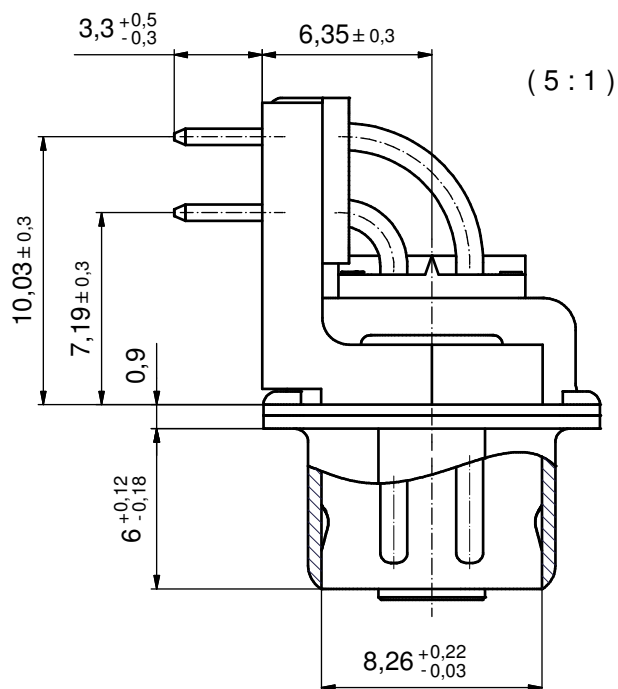
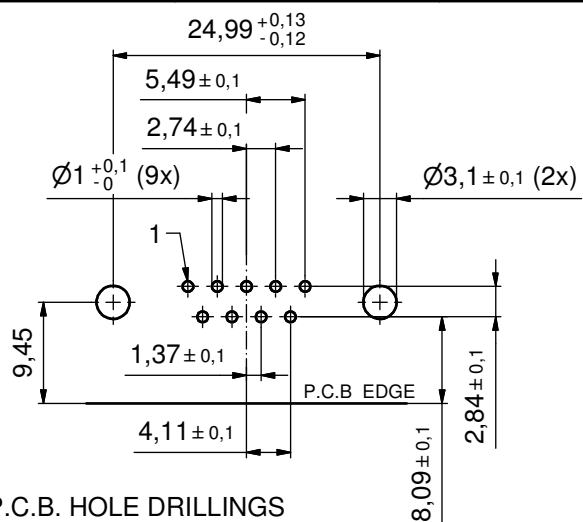
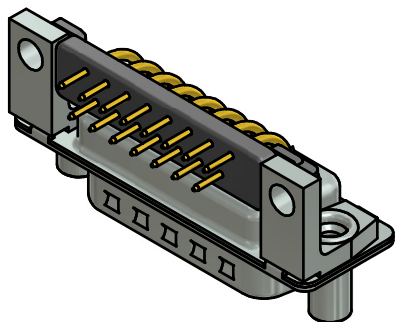
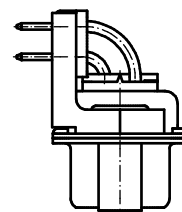
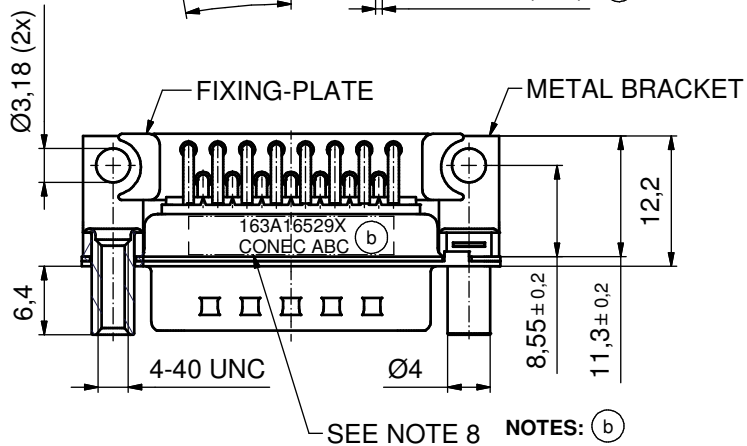
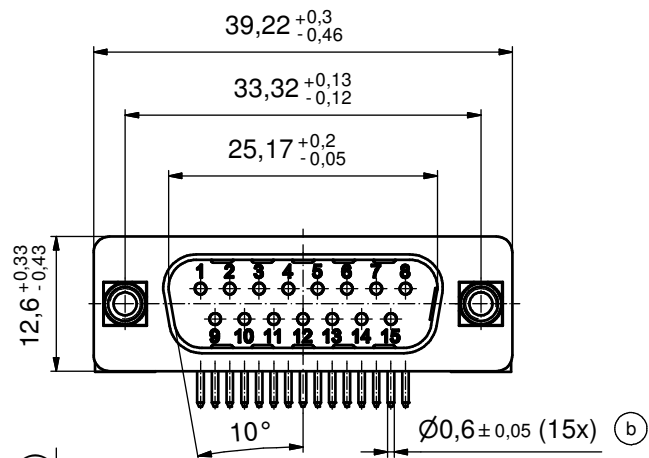
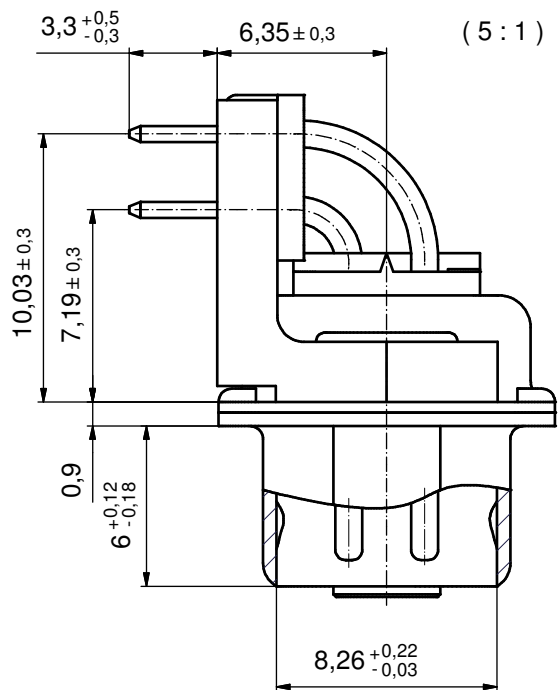
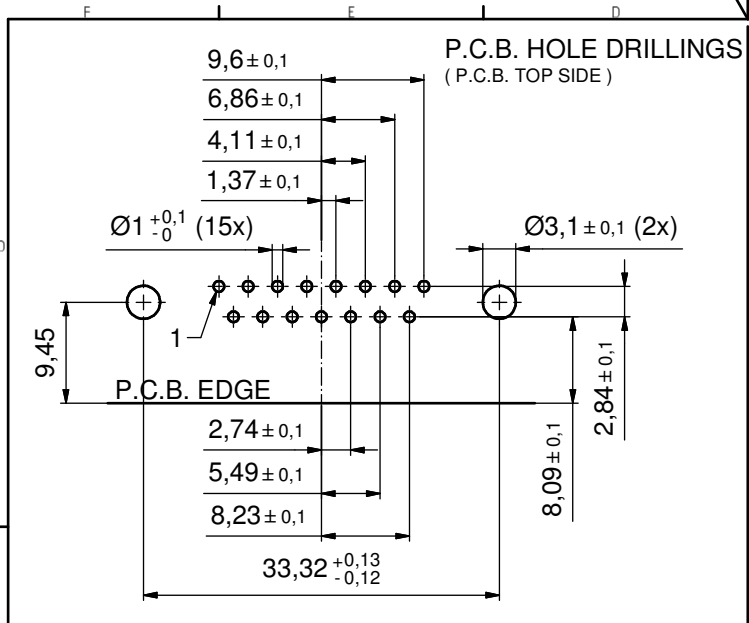


NOTES: (b)

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. METAL BRACKETS: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
5. THREADED LOCKS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
6. FIXING-PLATE: PBT GF UL 94 V-0; BLACK
7. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
8. CONNECTOR IS PART MARKED: 163A16519X CONEC ABC

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								material: SEE NOTES				
								date	name		title: D-SUB MALE 90° 9pos. SOLDER PIN ANGLED 0.318inch threaded lock and metal bracket	
								drawn	24.03.2004 Mankopf			
				appd.	24.03.2004 Mickenbecker							
				norm								
				d-old			dwg no:		DIN-A3 sh:1/6			
3 x b	Ä4036	07.07.2011	K.H.			16K1A1129						
a	Original											
rev.	description	date	name			part no: 163A16519X						



NOTES: (b)

1. METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: PBT GF UL 94 V-0; BLACK
3. CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
4. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
5. THREADED LOCKS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. FIXING-PLATE: PBT GF UL 94 V-0; BLACK
7. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
8. CONNECTOR IS PART MARKED: **163A16529X CONEC ABC**

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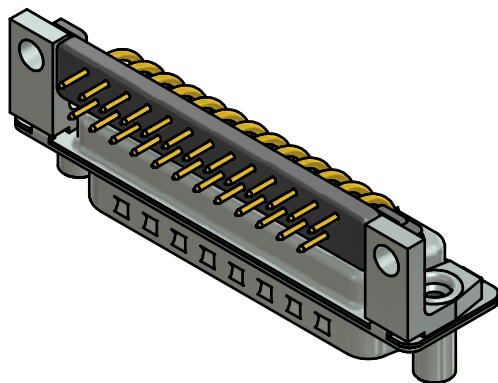
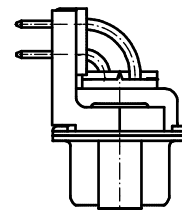
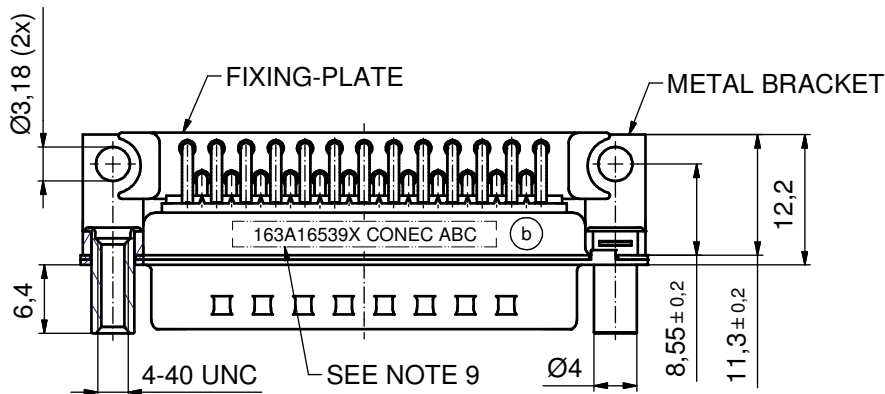
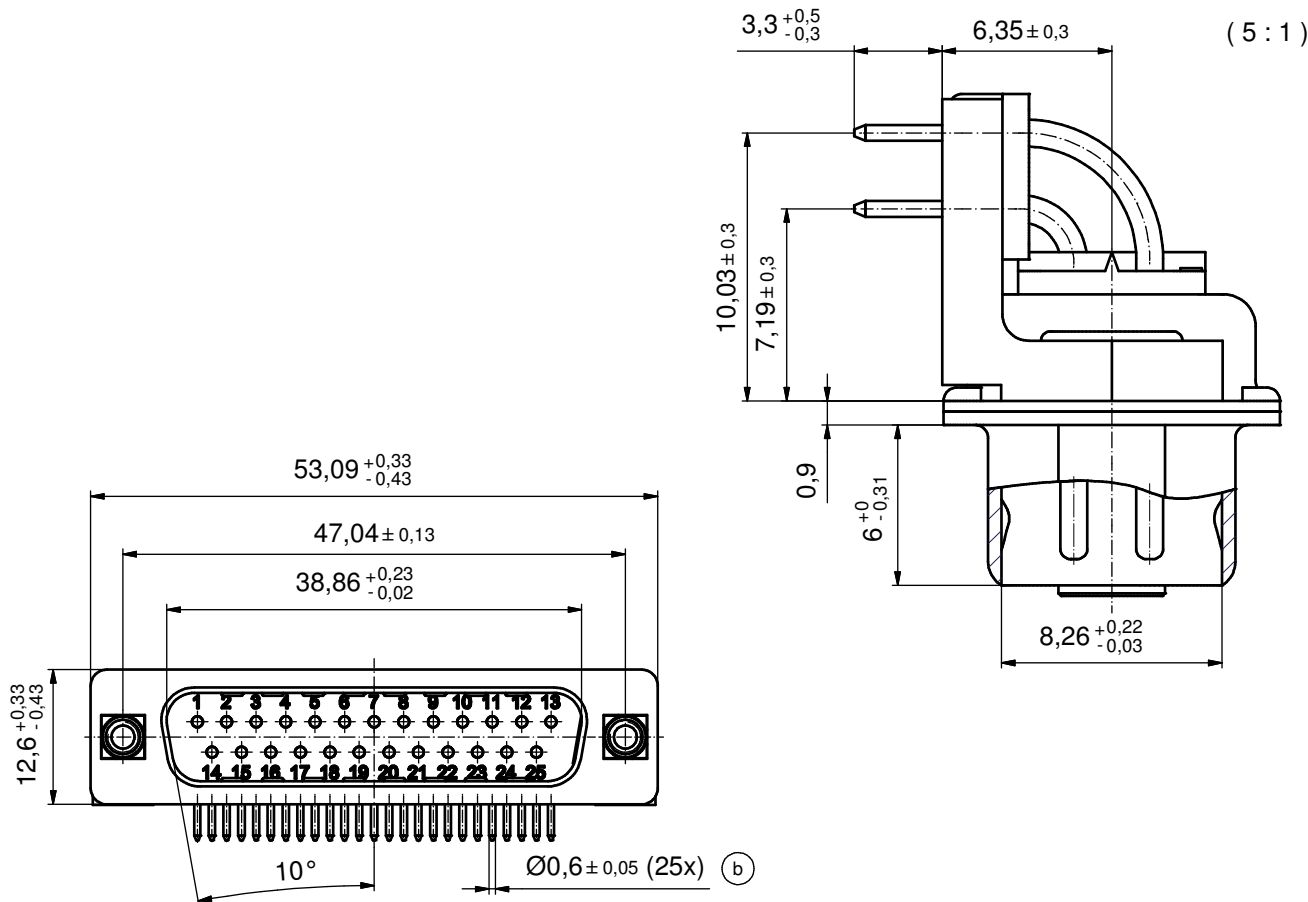
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3 x b	A4036	07.07.2011	K.H.
a	Original		
rev.	description	date	name

tolerance	dim. in mm
date	name
drawn 24.03.2004	Mankopf
appd. 24.03.2004	Mickenbecker
norm	
d-old	

scale:	2:1 (5:1)
material:	SEE NOTES
title:	D-SUB MALE 90° 15pos. SOLDER PIN ANGLED 0.318inch threaded lock and metal bracket
dwg no:	16K1A1129
part no:	163A16529X
DIN-A3	sh: 2/6

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NOTES: (b)

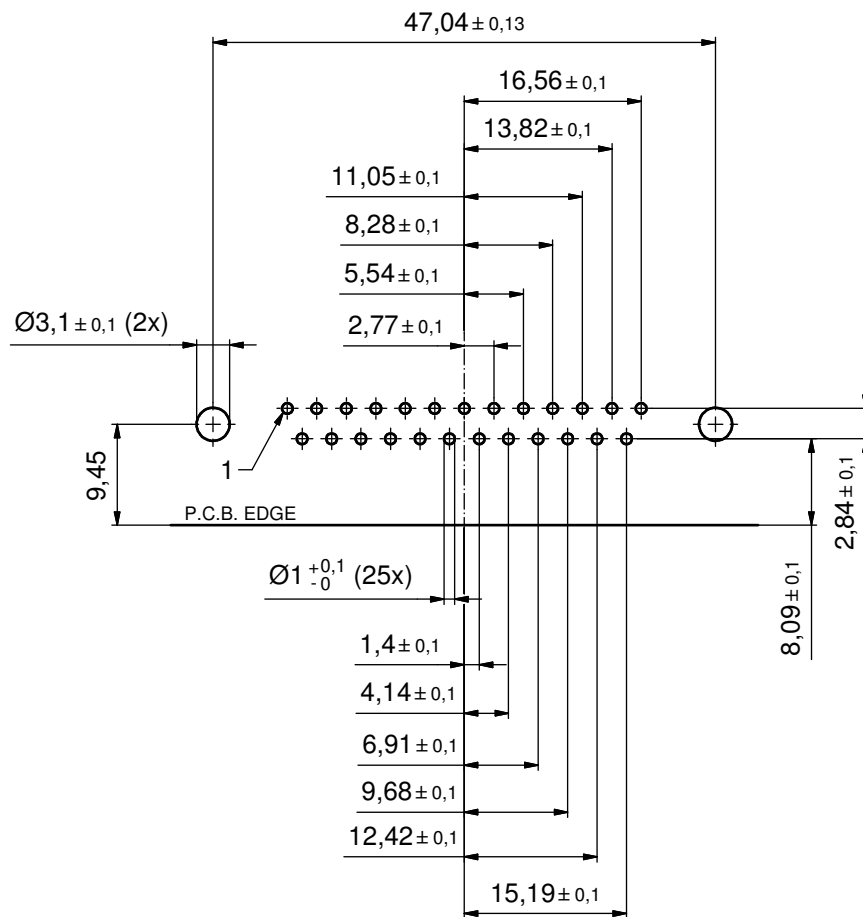
- METALSHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- METAL BRACKETS: ZINC DIE CAST; 300µm COPPER/40-120µm NICKEL/120-200µm TIN
- THREADED LOCKS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- P.C.B. HOLE DRILLINGS ON SHEET 2
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: 163A16539X CONEC ABC

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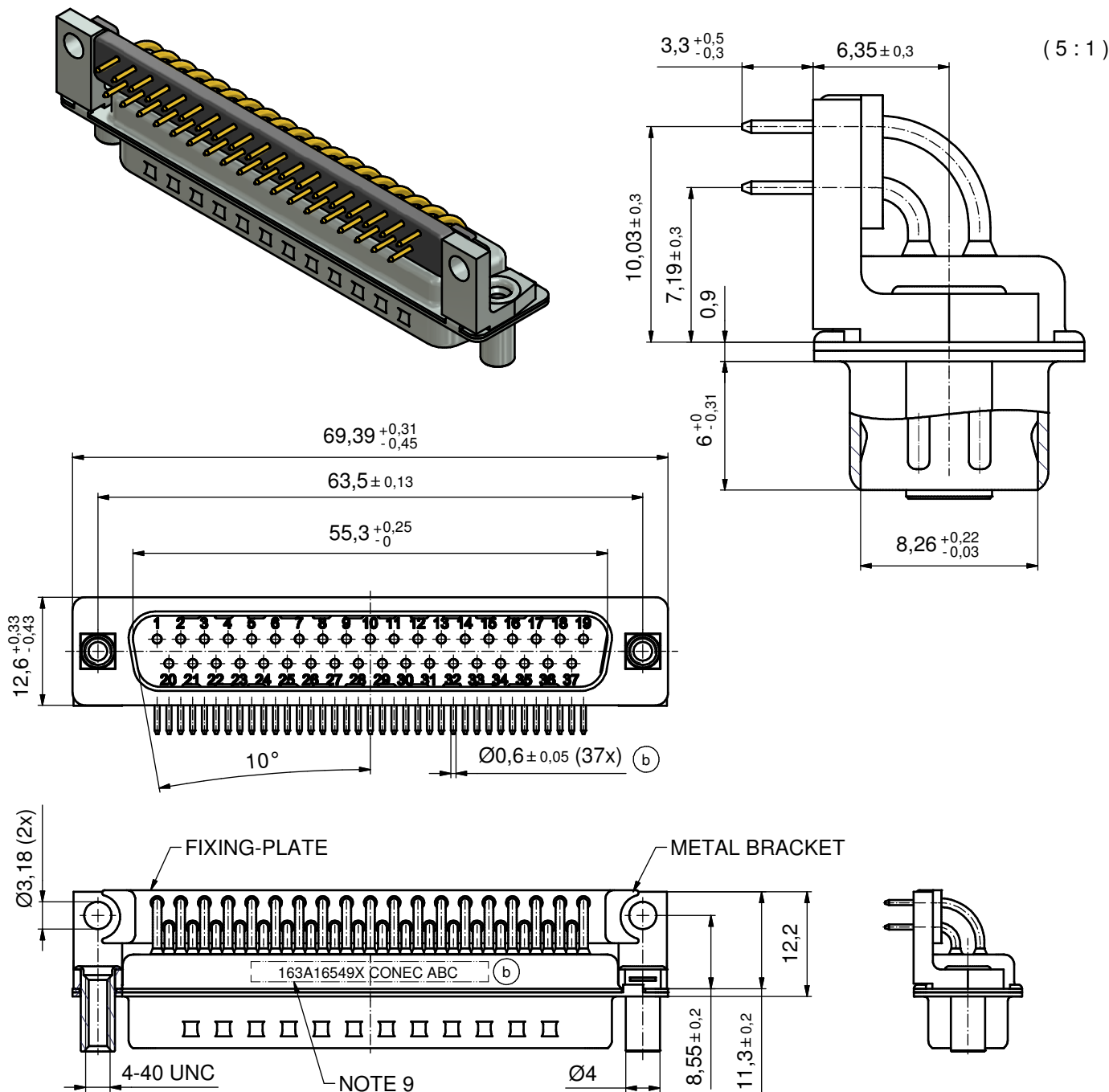
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)				
							material: SEE NOTES				
						date		name		title: D-SUB MALE 90° 25pos. SOLDER PIN ANGLED 0.318inch threaded lock and metal bracket	
						drawn 24.03.2004		Mankopf			
		appd. 24.03.2004		Mickenbecker							
		norm				dwg no:		DIN-A3 sh: 3/6			
		d-old									
3 x b		Ä4036		07.07.2011		K.H.		16K1A1129			
a		Original									
rev.		description		date		name					
								part no: 163A16539X			

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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													material: SEE SHEET3								
															date	name	title: P.C.B. HOLE DRILLINGS D-SUB Male 25pos. 0.318inch with threaded lock and metal bracket				
															drawn	04.07.11					Henneboel
															appd.	04.07.11					Koch
															norm						
															d-old		dwg no: 16K1A1129				
										a	Original								DIN-A3		
										rev.	description	date	name	sh: 4/6							
										part no: SEE SHEET3											



NOTES: (b)

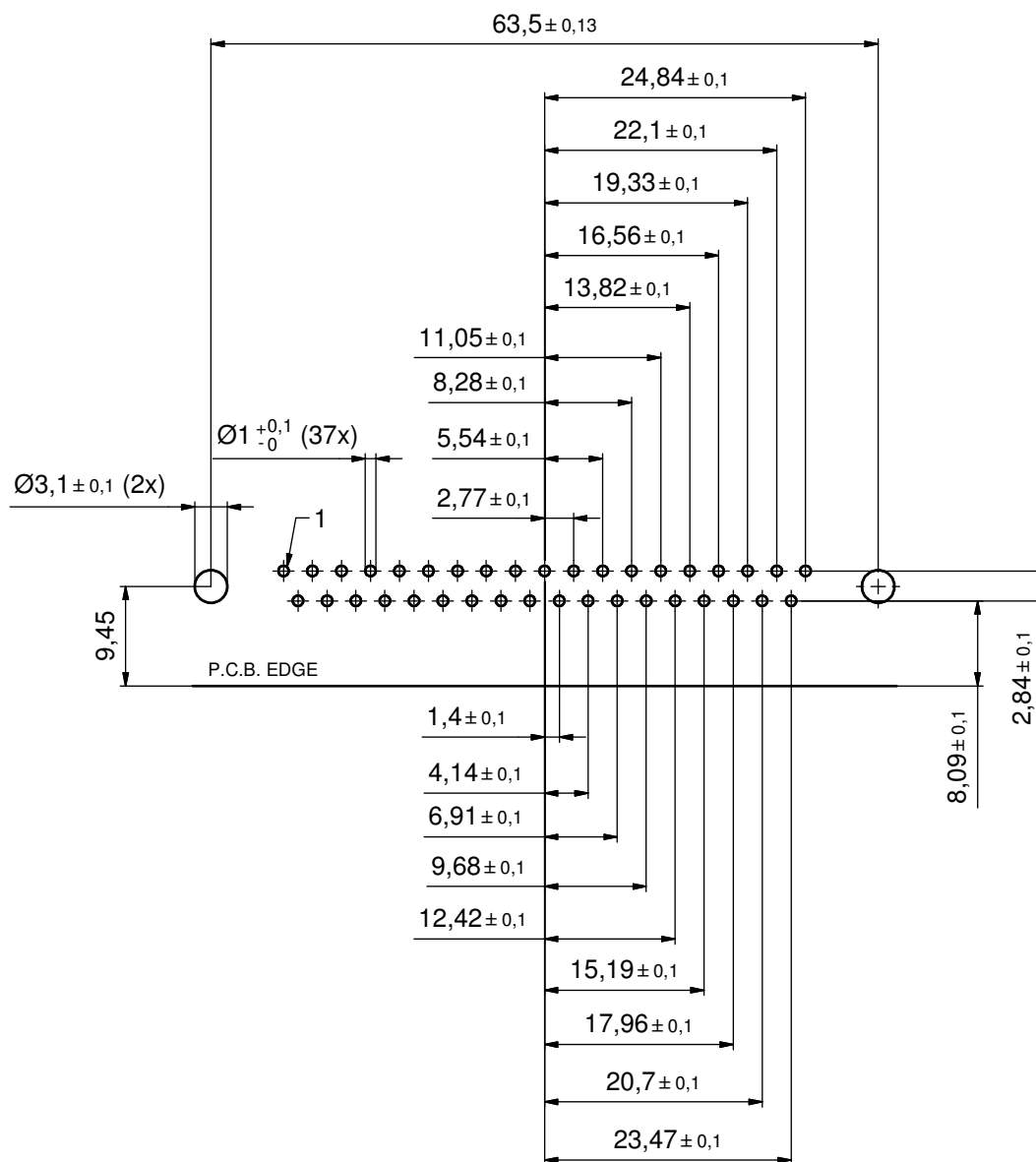
- METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
- THREADED LOCKS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0; BLACK
- P.C.B. HOLE DRILLINGS ON SHEET 2
- MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
- CONNECTOR IS PART MARKED: **163A16549X CONEC ABC**

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					dim. in mm			material: SEE NOTES					
									date	name	title: D-SUB MALE 90° 37pos. SOLDER PIN ANGLED 0.318inch threaded lock and metal bracket		
									drawn 24.03.2004	Mankopf			
									appd. 24.03.2004	Mickenbecker			
				norm		dwg no: 16K1A1129 part no: 163A16549X							
				d-old									
3 x b	Ä4036	07.07.2011	K.H.						DIN-A3 sh: 5/6				
a	Original												
rev.	description	date	name										

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)



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rev.	description	date	name
a	Original		

tolerance		 dim. in mm
drawn	04.07.11	
appd.	04.07.11	
norm		
d-old		

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scale: 2:1	
material: SEE SHEET 5	
title: P.C.B. HOLE DRILLINGS D-SUB Male 37pos. 0.318inch with threaded lock and metal bracket	
dwg no: 16K1A1129	DIN-A3 sh: 6/6
part no: SEE SHEET 5	