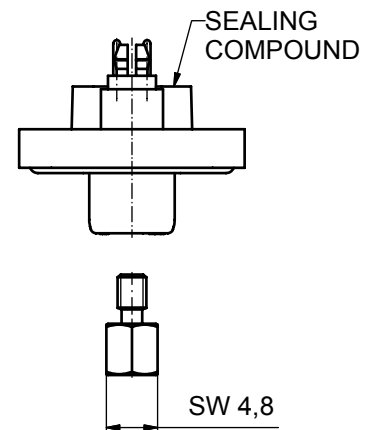
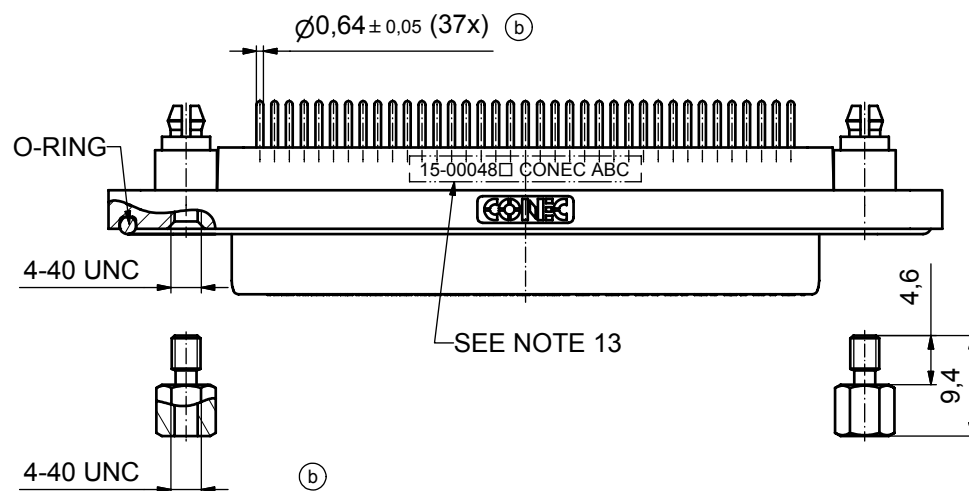
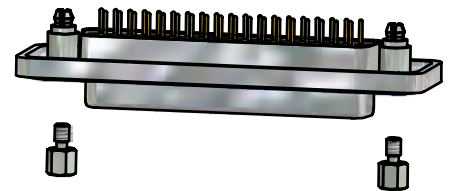
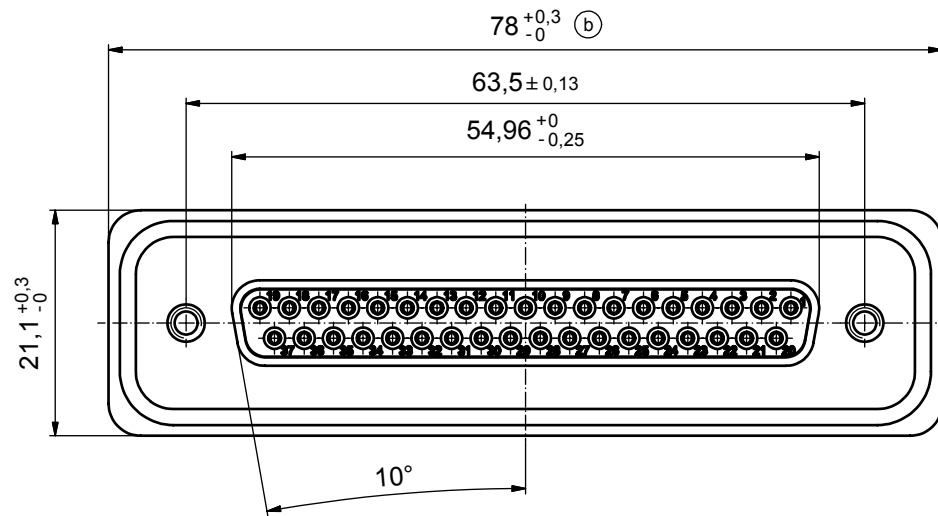
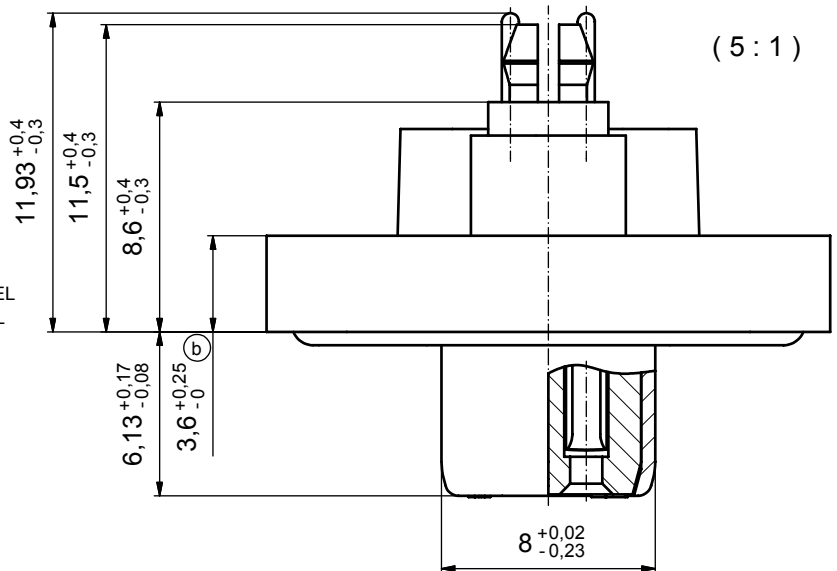


(b)

NOTES:

1. FOR WAVE SOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC. AND SOLDER PREHEAT 150°C FOR 180 SEC.)
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER HIGH TEMPERATURE EXPOSURE
4. METAL SHELL: ZINC DIE CAST;
min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0, BLACK
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. CONTACTS: COPPER ALLOY
PLATING (SEE PART NO):
☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL
☐ PLEASE ADD 3 for 8µin HARD GOLD over min. 50µin NICKEL
9. REAR SPACER CLIPS: COPPER ALLOY;
min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\phi 3,1 \pm 0,1$; PCB THICKNESS 1,6mm
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. PCB-HOLE DRILLINGS and
RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3.1 in.LB) / max.67Ncm (6 in.LB)
13. CONNECTOR IS PART MARKED: 15-00048 CONEC ABC



(b)

AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

Directive 2002/95 EC
„RoHS“
Compliant

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	

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

5 x b	A3435	23.09.09	HS
a	Origin		
rev.	description	date	name

tolerance		 dim. in mm
	date	name
drawn	17.10.08	Petker
appd.	21.10.08	Fischer
norm		
d-old		



scale:	2:1 (5:1)	
material:	see notes	
title:	D-SUB FEMALE 37pos. SOLDER PIN STRAIGHT with rear spacer clip and hexlocking screw	
dwg no:	Inventor 10	DIN-A3
	15K1A309	sh: 1
part no:	15-00048	

CONEC

Technical drawing of a mechanical part with dimensions in mm. The drawing shows a side view of a component with a central vertical section and two circular end features. Dimensions are provided for various features and distances.

Key dimensions and features:

- Overall width: $63,5 \pm 0,13$
- Overall height: $24,84 \pm 0,1$
- Top horizontal dimensions (from left to right):
 - $22,1 \pm 0,1$
 - $19,33 \pm 0,1$
 - $16,56 \pm 0,1$
 - $13,82 \pm 0,1$
 - $11,05 \pm 0,1$
 - $8,28 \pm 0,1$
 - $5,54 \pm 0,1$
 - $2,77 \pm 0,1$
- Bottom horizontal dimensions (from left to right):
 - $1,4 \pm 0,1$
 - $4,14 \pm 0,1$
 - $6,91 \pm 0,1$
 - $9,68 \pm 0,1$
 - $12,42 \pm 0,1$
 - $15,19 \pm 0,1$
 - $17,96 \pm 0,1$
 - $20,7 \pm 0,1$
 - $23,47 \pm 0,1$
- Vertical dimensions on the right side:
 - $1,42 \pm 0,1$
 - $2,84 \pm 0,1$
- Feature specifications:
 - $\varnothing 1^{+0,1}_{-0} (37x)$
 - $\varnothing 3,1 \pm 0,1 (2x)$

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and tolerances. The part is symmetrical about a vertical centerline (indicated by a dashed line).

Key dimensions and tolerances:

- Overall width: $59,1 \pm 0,1$
- Overall height: $11,4 \pm 0,1$
- Distance from left edge to centerline: $63,5 \pm 0,1$
- Distance from centerline to right edge: $63,5 \pm 0,1$
- Radius of the rounded end: $R3,4 \pm 0,13$
- Angle of the sloped side: $10^\circ \pm 1^\circ$
- Left hole diameter: $\varnothing 3,1 \pm 0,05 (2x)$
- Right hole diameter: $\varnothing 3,1 \pm 0,05 (2x)$
- Left hole position: $0,26 A$
- Right hole position: $0,26 B$

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION.

DO NOT ALTER CAD DRAWING BY HAND

a	Origin		
rev.	description	date	name



tolerance		
		dim. in mm
	date	name
drawn	17.10.08	Petker
appd.	21.10.08	Fischer
norm		
d-old		

scale:	3:1	
material:	see sheet 1	
title: P.C.B. HOLE DRILLINGS PANEL CUT-OUT D-SUB Female 37pos. Solder pin straight		
dwg no:	Inventor 10	DIN- A3
15K1A309		sh: 2
part no:	see sheet 1	