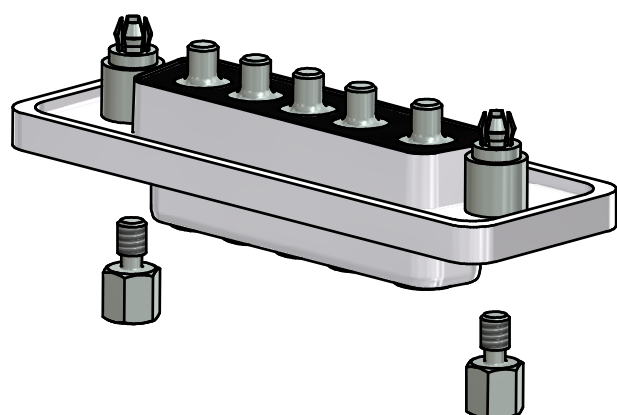
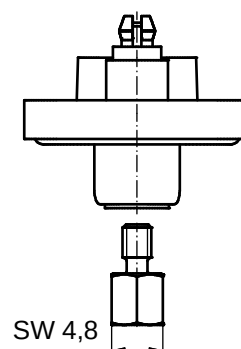
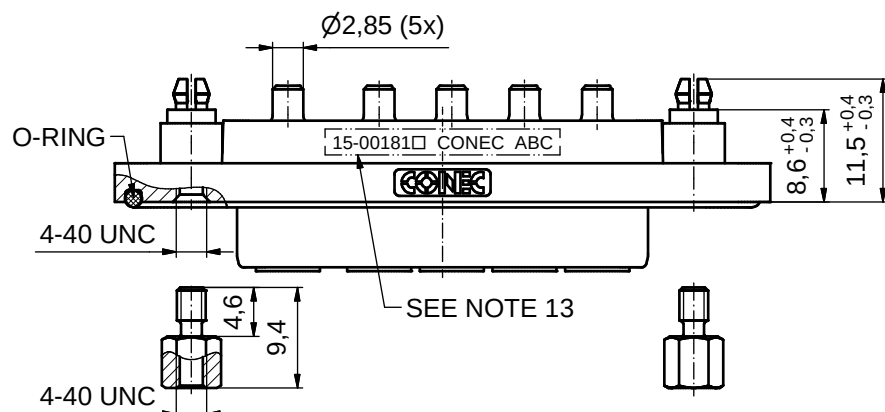
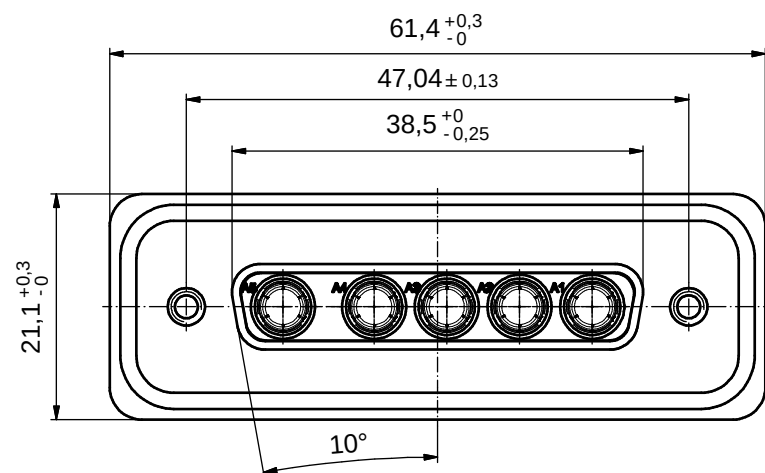
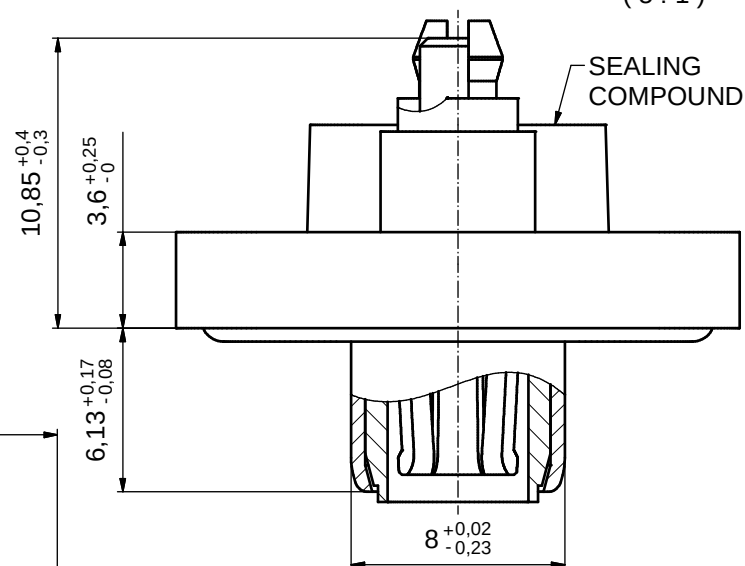


(5 : 1)



1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC. AND SOLDER PREHEAT 150°C FOR 180 SEC.)

- AND SOLDER PREHEAT 150°C FOR 100 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. INSULATOR: PBT GF UL 94 V-0; GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A; BLUE
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. HIGH POWER CONTACTS 20A: COPPER ALLOY;
PLATING, MATING SIDE (SEE PART NO.):
 - ☐ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL
 - ☐ PLEASE ADD 3 for GOLD FLASH over NICKEL
- PLATING, TERMINATION SIDE: 160-240µin TIN over 80µin NICKEL
9. REAR SPACER CLIPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- PCB-HOLE: Ø3,1± 0,1mm; PCB THICKNESS 1,6mm
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. P.C.B. 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: 15-00181 CONEC ABC (see note 8)

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DO NOT ALTER CAD DRAWING BY HAND

				tolerance		 dim. in mm	
					date	name	
				drawn	04.11.15	Lehmenkühler	
				appd.	04.11.15	Schmidt	
				norm			
				d-old			
a	Original						
rev.	description		date				



scale:	2:1 (5:1)	
material:	SEE NOTES	
title:	D-SUB COMBINATION FEMALE 5W5S SOLDER PIN STRAIGHT thread rear spacer clip and hexlocking screw	
dwg no:	15K1A1812	DIN A3 sh: 1
part no:	15-00181□	(see note 8)

Technical drawing of a mechanical part with dimensions and tolerances:

- Overall width: $42,5 \pm 0,1$
- Overall height: $11,4 \pm 0,1$
- Overall length: $47,04 \pm 0,1$
- Left circular feature diameter: $\varnothing 3,1 \pm 0,05 (2x)$
- Right circular feature diameter: $\varnothing 3,1 \pm 0,05 (2x)$
- Left circular feature position: $0,26 A$
- Right circular feature position: $0,26 B$
- Top-left corner radius: $R3,4 \pm 0,13$
- Bottom-left corner angle: $10^\circ \pm 1^\circ$

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: 4:1		
								material: SEE SHEET 1		
					date	name	title: P.C.B. HOLE DRILLINGS RECOMMENDED PANEL CUT-OUT D-SUB COMBINATION FEMALE 5W5S			
					drawn 04.11.15	LehmenKühler				
					appd. 04.11.15	Schmidt				
					norm					
					d-old		dwg no:		DIN-A3	
	a	Original						15K1A1812		sh: 2
	rev.	description	date	name				part no: SEE SHEET 1		