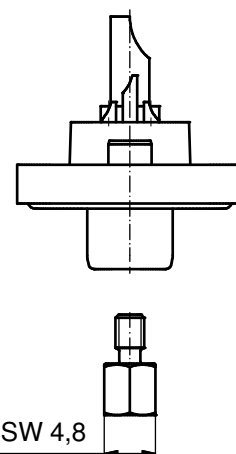
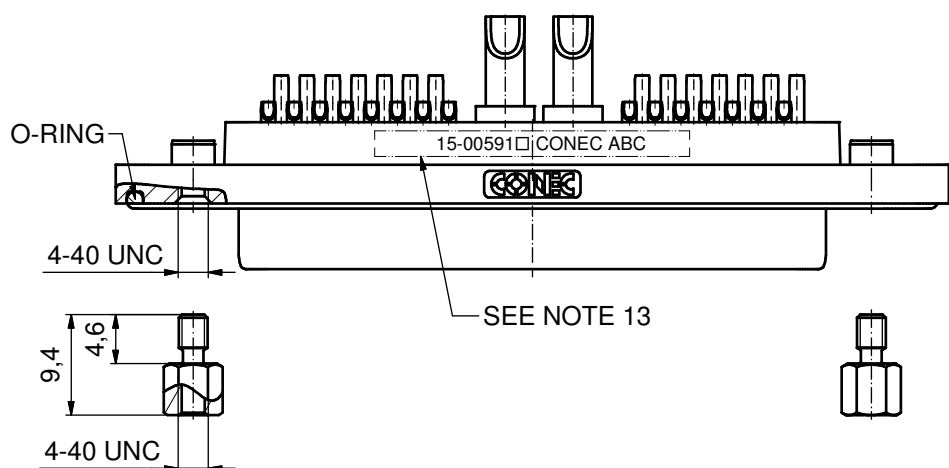
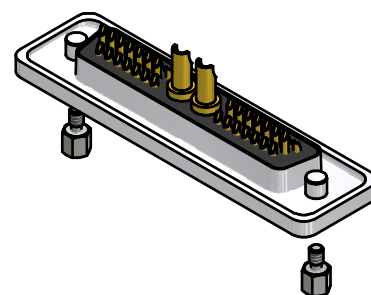
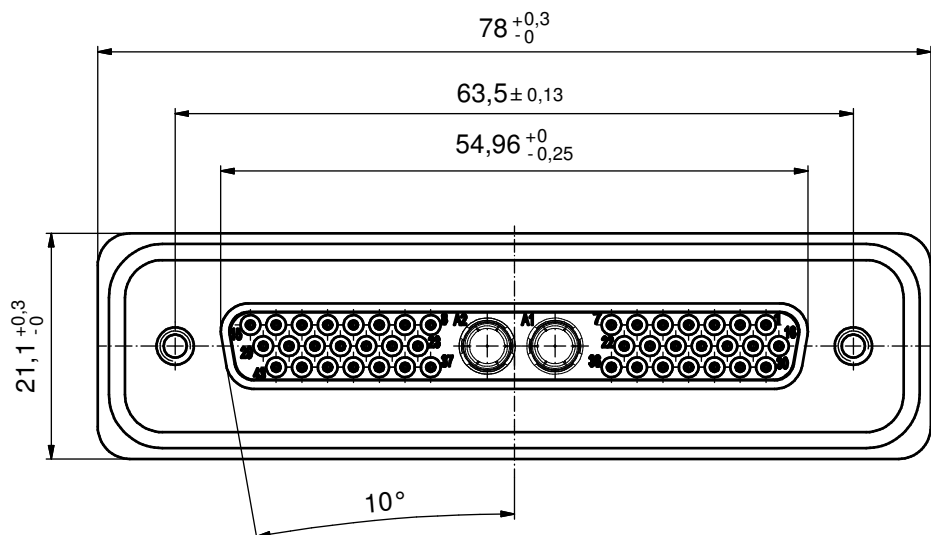
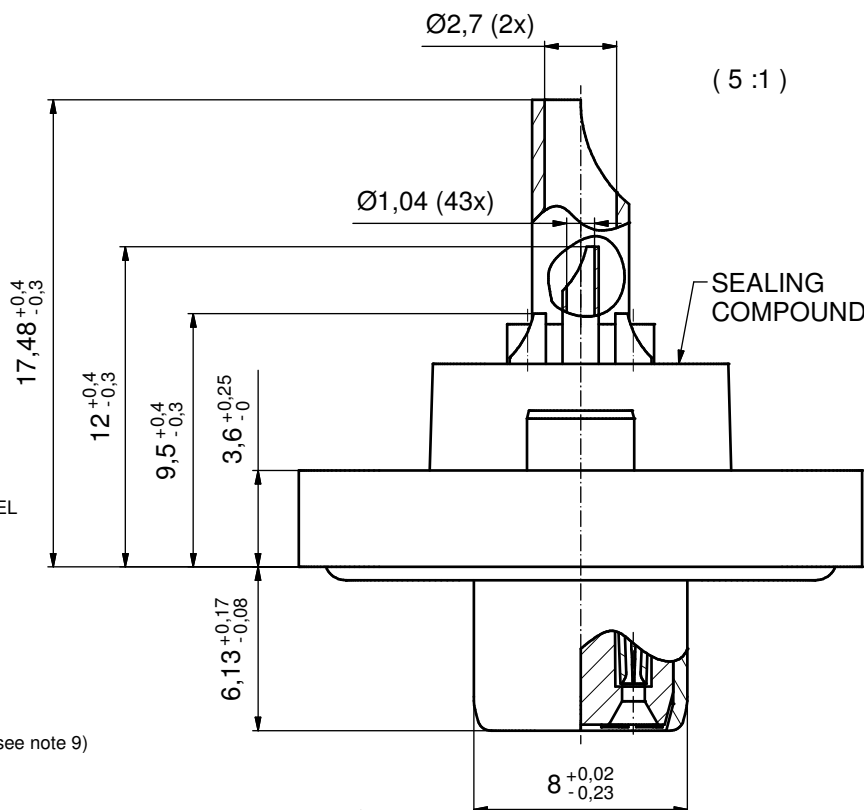


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER SOLDERING
4. METALSHELL: ZINC DIE CAST;
min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0; GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. SIGNAL CONTACTS: COPPER ALLOY;
PLATING (SEE PART NO):
30µin HARD GOLD over min. 50µin NICKEL if 1□ in PART NO.
GOLD FLASH over NICKEL if 3□ in PART NO.
SOLDER CUP ACCEPTS CABLE AWG 20
9. 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: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 12-14
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. 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: **15-00591□ CONEC ABC** (see note 9)



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

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: 2:1 (5:1)			
								material: SEE NOTES			
						date	name		title: D-SUB HD COMBINATION FEMALE 45W2S SOLDER CUP with hexlocking screw		
					drawn	08.01.14	Henneboel				
					appd.	17.01.14	Schmidt				
					norm						
					d-old				dwg no: 15K1A1406 part no: 15-00591□ (see note 9)		
											
		a	Original					DIN-A3 sh: 1/2			
	rev.	description	date	name							

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Signal Contact
 - 3.1. Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
 - 3.2. Put tip to wire in solder cup.
 - 3.3. After 1 second bring in solder.
 - 3.4. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
4. Power Contact
 - 4.1. Operate the soldering iron at 350°C, 100 Watt max. and use a pencil tip.
 - 4.2. Apply some solder to the solder tip of the soldering iron
 - 4.3. Put tip to wire in solder cup.
 - 4.4. After 1 second bring in solder.
 - 4.5. Heat for 5 seconds longer. Do not heat contact more than 6 seconds in total.
5. Remove soldering iron.
6. Wait until solder gets rigid again.
7. Do not solder adjacent contacts consecutively, alternate position within the connector to minimize heat build up.

Technical drawing of a mechanical part (Fig. 1.10) showing a side view. The part is a long, thin component with rounded ends. The drawing includes the following dimensions and tolerances:

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

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DO NOT ALTER CAD DRAWING BY HAND

				tolerance		 dim. in mm	scale: 3:1		
							material: see sheet1		
				date	name		title: PANEL CUT-OUT D-SUB HD Combination Female 45W2S Solder Cup with hexlocking screw		
				drawn	08.01.14	Henneboel			
				appd.	17.01.14	Schmidt			
				norm					
				d-old					
							dwg no:		DIN-A3
a	Original						15K1A1406		sh: 2/2
rev.	description	date	name				part no: SEE SHEET 1		