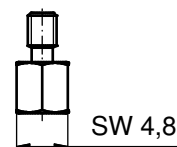
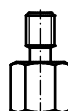
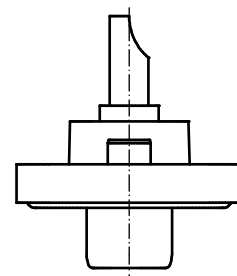
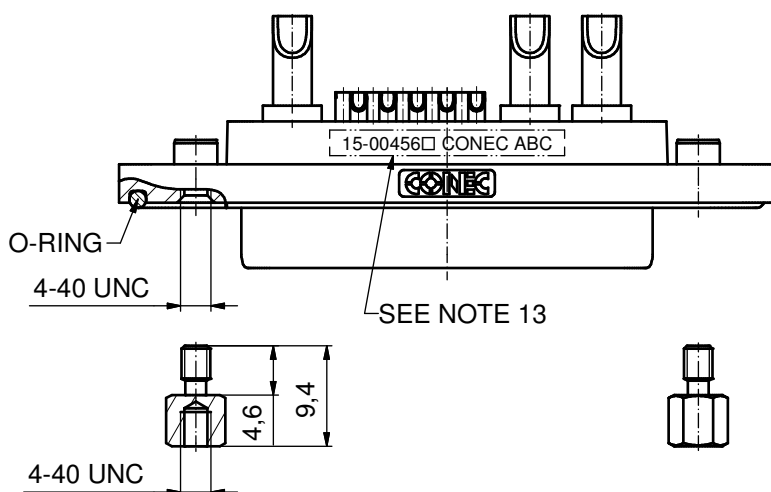
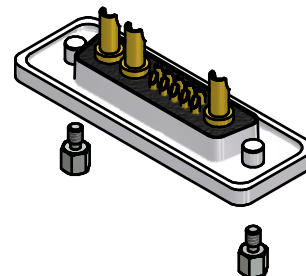
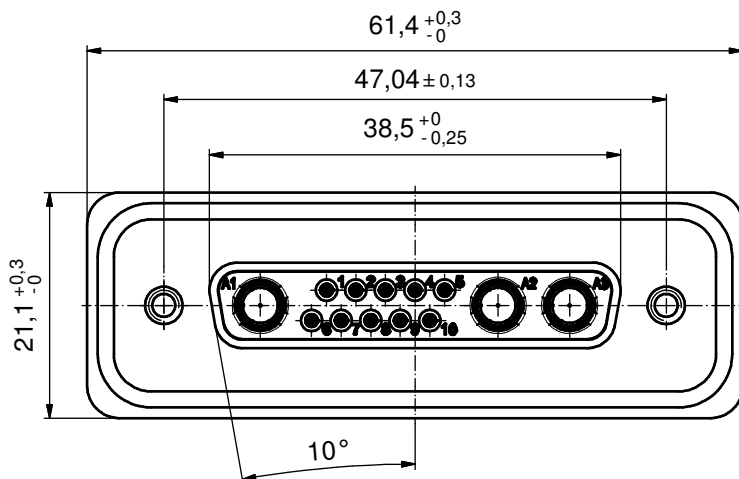
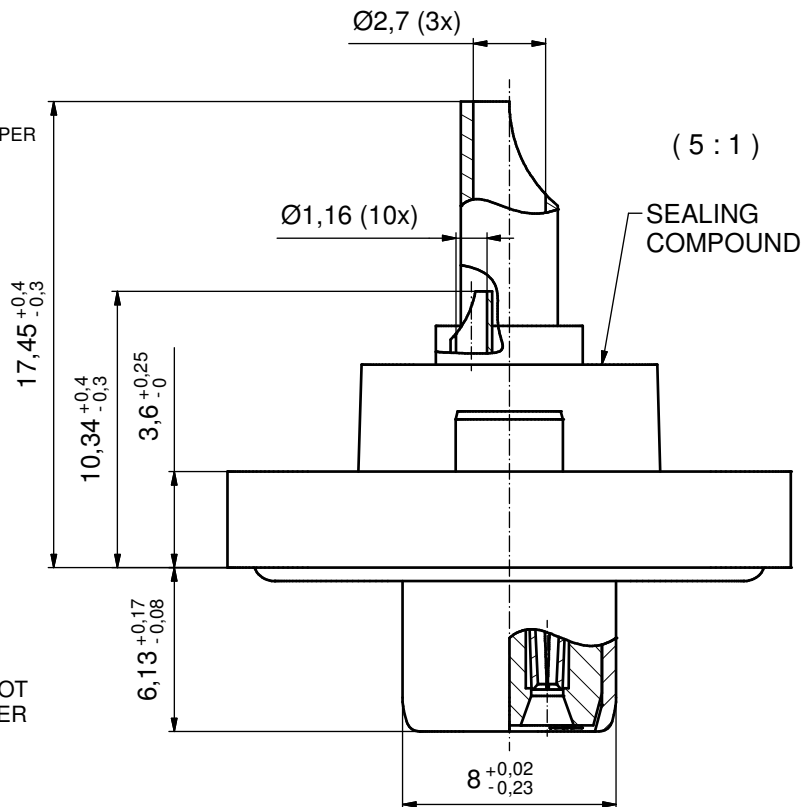


NOTES:

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. METAL SHELL: 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: 15-00456□ CONEC ABC

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				tolerance		 dim. in mm		scale: 2:1 (5:1)					
								material: SEE NOTES					
								date	name	title: D-SUB COMB. FEMALE 13W3S SOLDER CUP with hexlocking screw			
								drawn	31.01.11				Henneboel
								appd.	31.01.11				Fischer
				norm									
				d-old		dwg no:			DIN-A3				
	a	Origin					15K1A784		sh: 1				
rev.	description	date	name				part no: 15-00456 ☐		(see note 9)				

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. Put tip to wire in solder cup.
 - 4.3. After 1 second bring in solder.
 - 4.4. 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, likely a shaft or rod, showing dimensions and tolerances. The part is cylindrical with a diameter of $\varnothing 3,1 \pm 0,05$ (2x). The total length is $47,04 \pm 0,1$. The distance between the centers of the two circular features is $42,5 \pm 0,1$. The distance from the left end to the center of the first circular feature is $0,26$ (A). The distance from the center of the second circular feature to the right end is $0,26$ (B). The part has a fillet radius of $R3,4 \pm 0,13$ and a taper angle of $10^\circ \pm 1^\circ$. The height of the part is $11,4 \pm 0,1$.

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DO NOT ALTER CAD DRAWING BY HAND

				tolerance		 dim. in mm		scale: 2:1		material: SEE SHEET1	
				date	name			title: PANEL CUT-OUT D-SUB COMBINATION FEMALE 13W3S Solder Cup; with hexlocking screw			
				drawn	31.01.11	Henneboel					
				appd.	31.01.11	Fischer					
				norm							
				d-old							
											
a	Origin										
rev.	description	date	name	dwg no: 15K1A784 DIN-A3 sh: 2							
				part no: SEE SHEET 1							