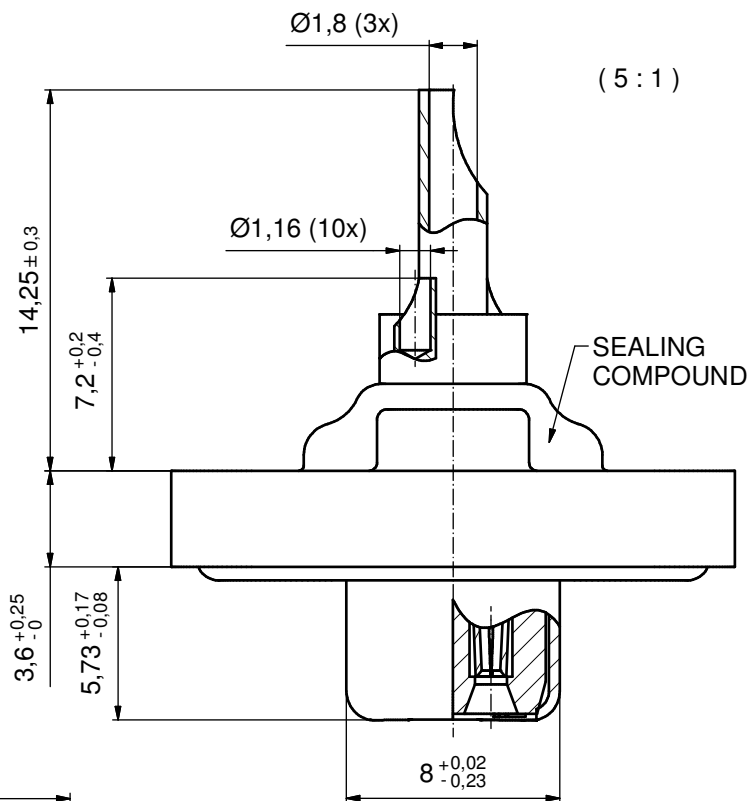
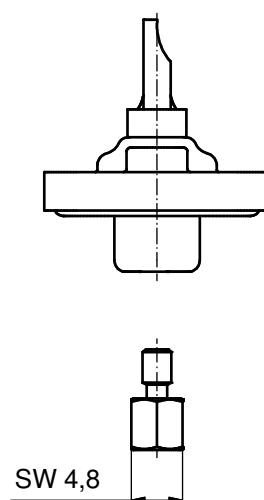
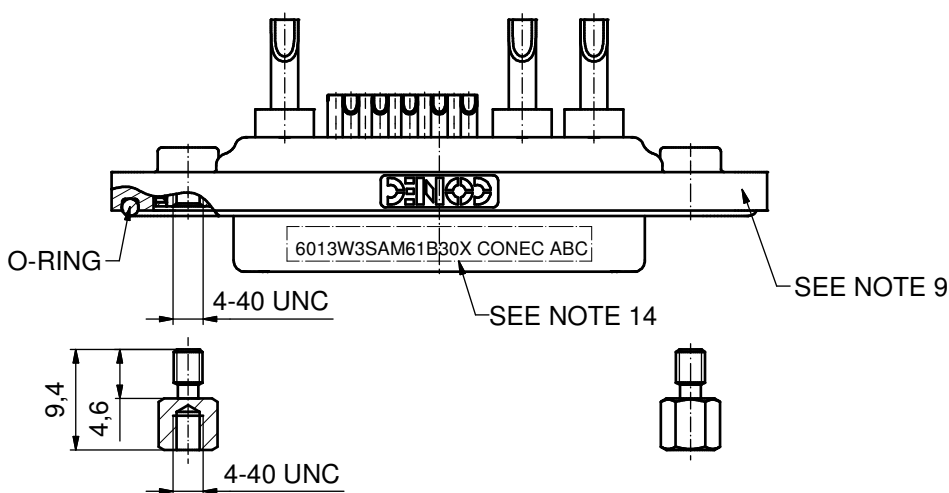
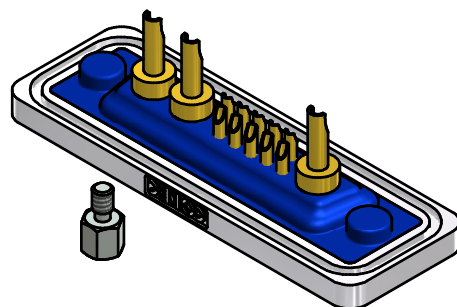
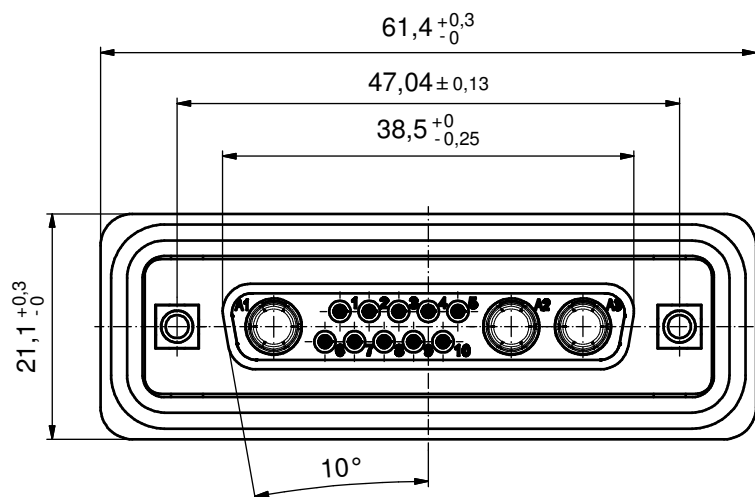


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0, GREEN
4. SIGNAL CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 20
5. HIGH POWER CONTACTS 10A: COPPER ALLOY
PLATING MATING SIDE: GOLD FLASH over NICKEL
PLATING TERMINATION SIDE: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 16-20
6. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
8. HEXLOCKING SCREWS: STAINLESS STEEL
9. FRAME : ZINC DIE CAST; NICKEL PLATED
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3,1in.LB) /max. 40Ncm (3,5 in.LB)
14. CONNECTOR IS PART MARKED: 6013W3SAM61B30X CONEC ABC



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



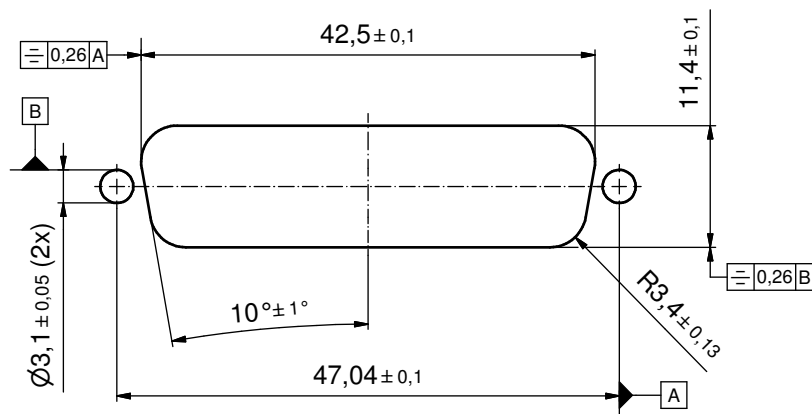
Directive 2002/95/EC RoHS compliant

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 COMBINATION FEMALE 13W3S SOLDER CUP with threaded insert and hex bolt	
								drawn 12.05.11	Henneboel		
								appd. 12.05.11	Fischer		
				norm		dwg no: 15K1A847 part no: 6013W3SAM61B30X					
				d-old				DIN-A3 sh: 1			
	a	Original									
rev.	description	date	name								

Solder Instruction

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.

RECOMMENDED PANEL CUT-OUT



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								material: SEE SHEET 1	
								title: PANEL CUT-OUT D-SUB COM. FEMALE 13W3S SOLDER CUP with threaded insert and hexlocking screw	
				drawn	12.05.11	Henneboel	dwg no:	DIN- A3 sh: 2	
				appd.	12.05.11	Fischer			
				norm					
				d-old				part no:	SEE SHEET 1
									
a	Original								
rev.	description	date	name						