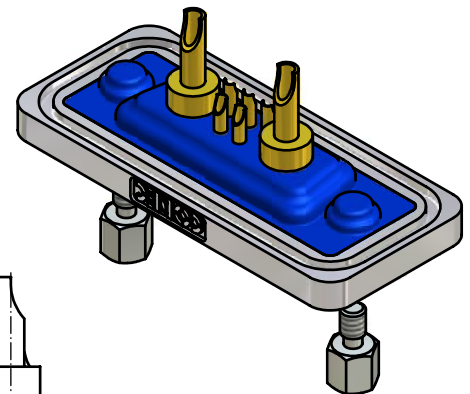
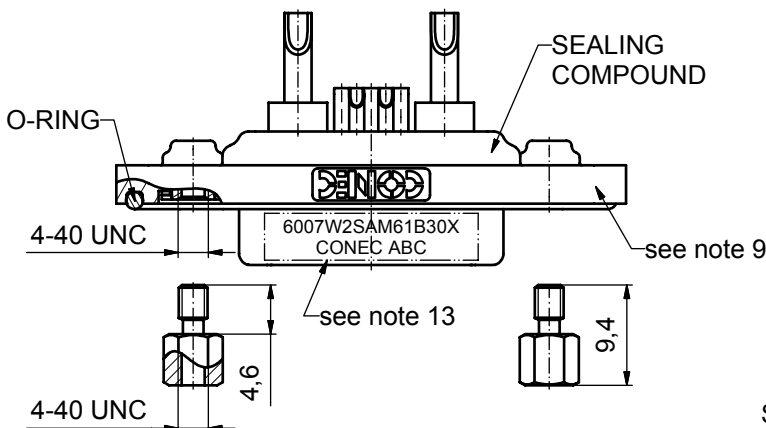
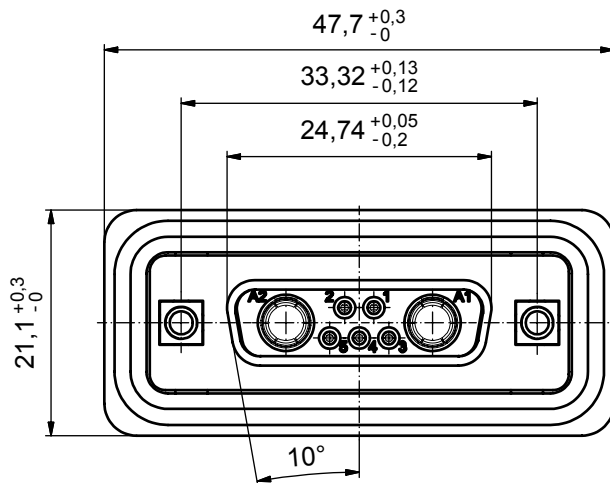
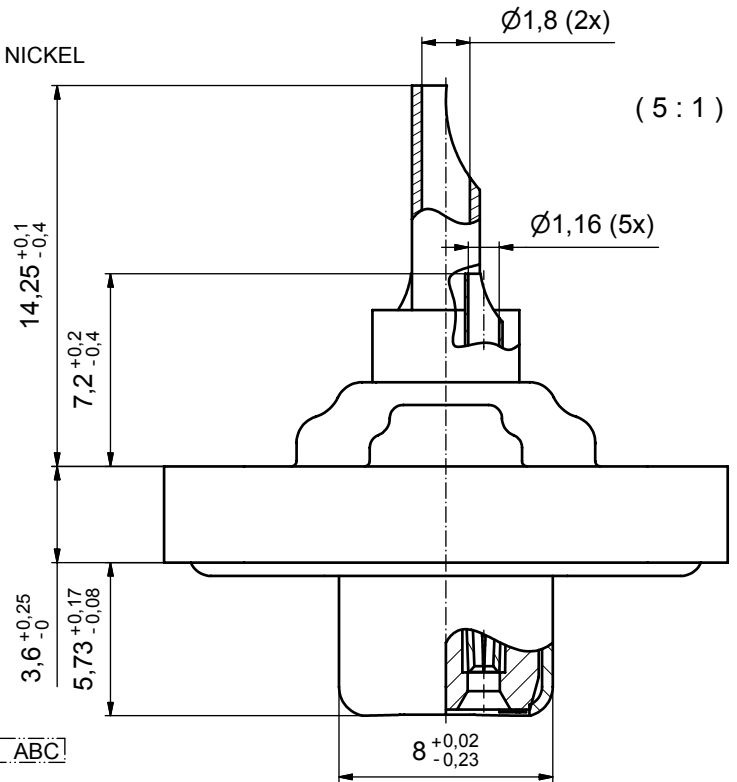


NOTES:

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. CONTACTS: COPPER ALLOY
PLATING: 8µin HARD GOLD over min. 50µin NICKEL
SOLDER CUP ACCEPTS CABLE AWG 20
5. HIGH POWER CONTACTS 10A: COPPER ALLOY
PLATING MATING AREA:
8µin HARD GOLD over min. 50µin NICKEL
PLATING TERMINATION SIDE:
8µin HARD GOLD over min. 50µin 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. RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3.1in.LB) / max. 40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: 6007W2SAM61B30X CONEC ABC



Directive 2002/95/EC
"RoHS"
Compliant

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

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

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OWNERSHIP AND COPYRIGHT OF CONEC GmbH

DO NOT ALTER CAD DRAWING BY HAND

rev.	description	date	name
a	Origin		

tolerance		
		dim. in mm
	date	name
drawn	17.06.10	Schmidt
appd.	17.06.10	Fischer
norm		
d-old		



CONEC

scale:		2:1 (5:1)	
material:		see notes	
title: D-SUB COMBINATION FEMALE 7W2S SOLDER CUP with threaded insert and hexlocking screw			
dwg no:		Inventor 10	DIN-A3
15K1A670		sh: 1	
part no:		6007W2SAM61B30X	

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 (Fig. 1) showing a front view. The part is a rectangular plate with rounded corners and two circular holes. The dimensions and tolerances are as follows:

- Overall width: $28,8 \pm 0,1$
- Overall height: $11,4 \pm 0,1$
- Distance between hole centers: $33,32 \pm 0,1$
- Hole diameter: $\varnothing 3,1 \pm 0,05 (2x)$
- Corner radius: $R3,4 \pm 0,13$
- Surface texture symbol: $\sqrt{0,26} A$
- Surface texture symbol: $\sqrt{0,26} B$
- Angle: $10^\circ \pm 1^\circ$

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL			tolerance			 dim. in mm		scale: 5:1	
CUSTOMER APPROVAL DATE:								material: see sheet 1	
NAME: TITLE:						drawn 17.06.10 Schmidt		title: PANEL CUT-OUT D-SUB COMBINATION FEMALE 7W2S Solder cup; with threaded insert, hexlocking screw	
COMPANY NAME:						appd. 17.06.10 Fischer			
						norm			
						d-old			
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL								dwg no: Inventor 10 DIN-A3	
								15K1A670 sh: 2	
								part no: see sheet 1	

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