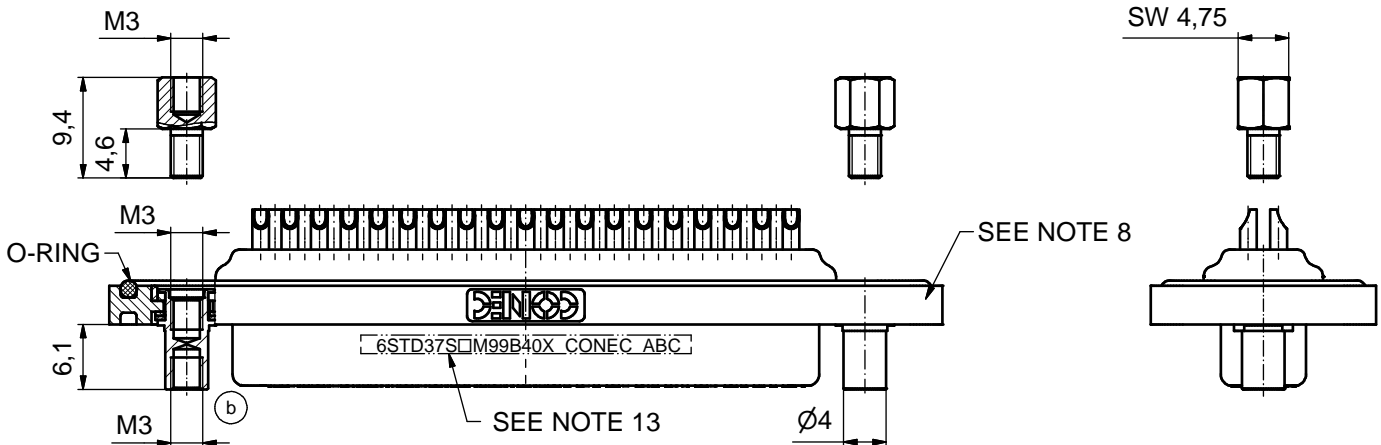
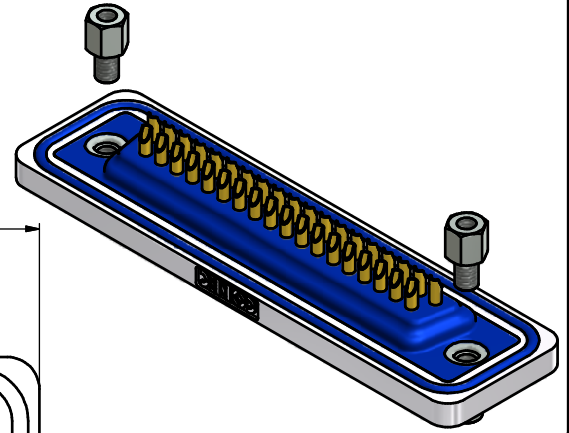
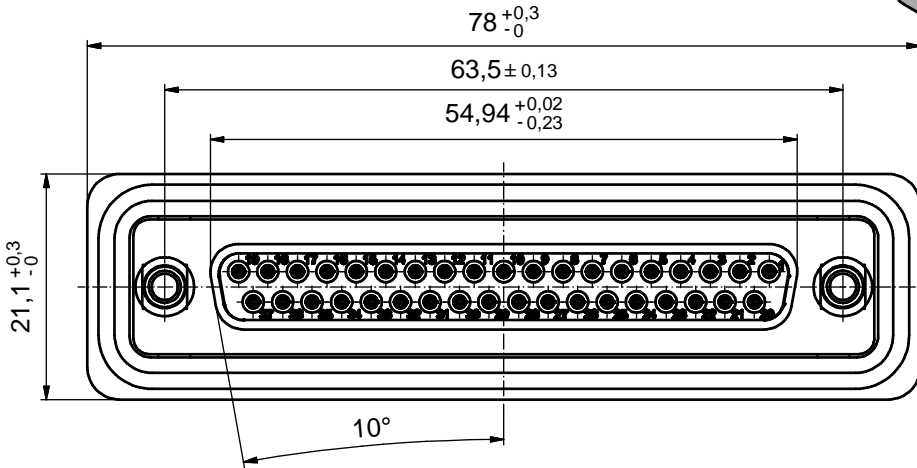
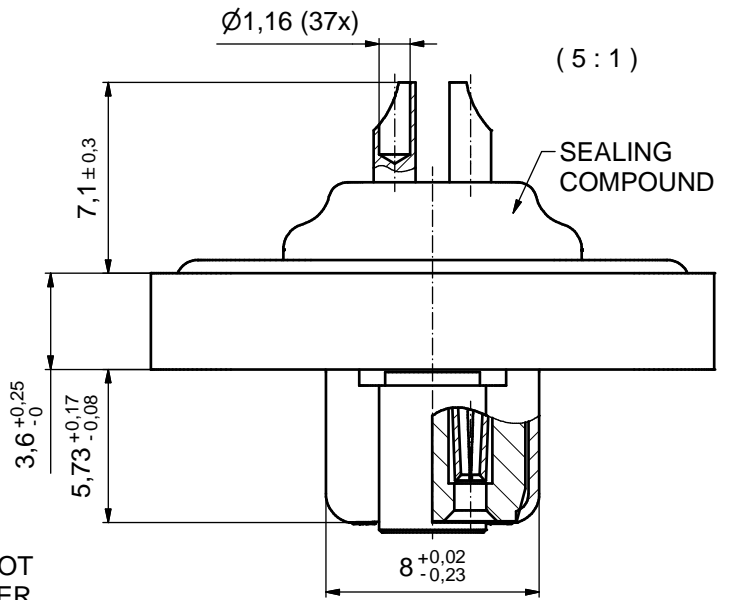


**NOTES:**

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 320µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0; BLACK
4. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
  - PLEASE ADD A for GOLD FLASH over NICKEL ( PREFERRED TYPE)
  - PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
- SOLDER CUP ACCEPTS AWG 20
5. THREADED LOCKS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
7. HEXLOCKING SCREWS: STAINLESS STEEL
8. FRAME: ZINC DIE CAST; NICKEL PLATED
9. O-RING: SILICON; BLUE
10. SEALING COMPOUND: PUR; BLUE
11. RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB)/ max.40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: 6STD37S□M99B40X CONEC ABC

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



RoHS compliant

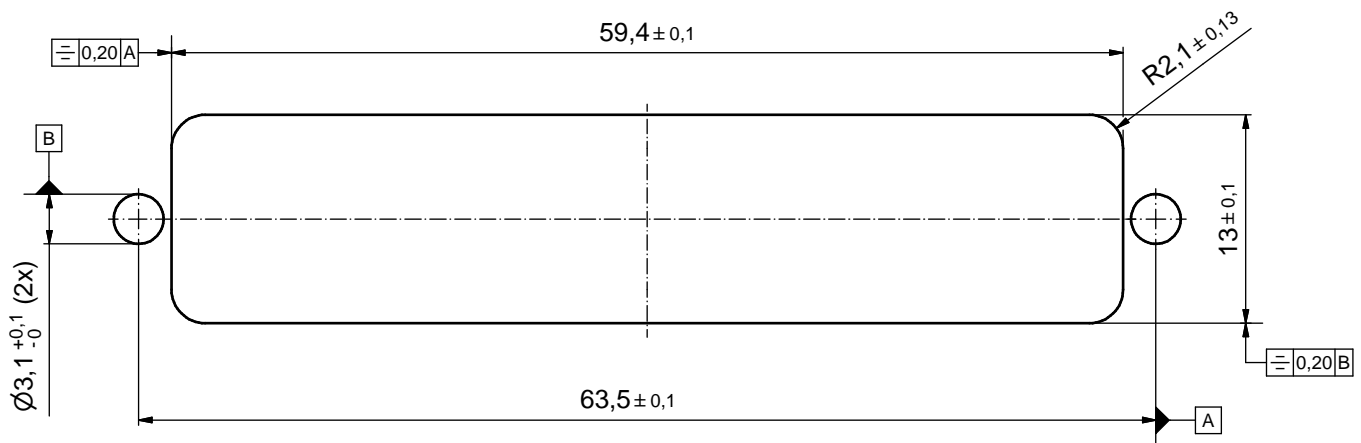
(b)

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:		
	drawn 19.09.2012	Henneboel		D-SUB FEMALE 37pos. SOLDER CUP with threaded lock and hexlocking screw		
	appd. 20.09.2012	Fischer				
	norm			dwg no:	DIN-A3	
d-old			15K1A1162		sh: 1/2	
2 x b	Ä6037	14.03.16	M.H.	part no: 6STD37S□M99B40X (see note 4)		
a	Original					
rev.	description	date	name	<b>CONEC</b>		

## Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
4. Put tip to wire in solder cup.
5. After 1 second bring in solder.
6. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
7. Remove soldering iron.
8. Wait until solder gets rigid again.
9. Do not solder adjacent contacts consecutively,  
alternate position within the connector to minimize heat build up.

## RECOMMENDED PANEL CUT-OUT



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				date	name	material: SEE SHEET 1
				drawn	19.09.2012	Henneboel
				appd.	20.09.2012	Fischer
				norm		
				d-old		
				rev.	a Original	
			description	date		
			name			
			title: RECOMMENDED PANEL CUT-OUT			
			D-SUB FEMALE 37pos. SOLDER CUP			
			with threaded lock and hexlocking screw			
			dwg no:			DIN-A3
			15K1A1162			sh: 2/2
			part no: SEE SHEET 1			