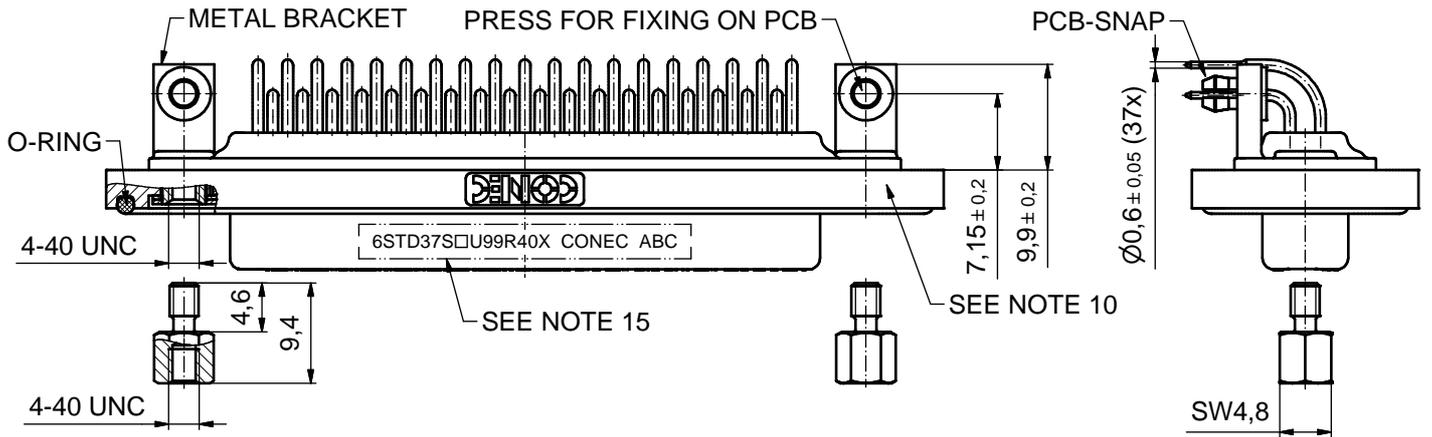
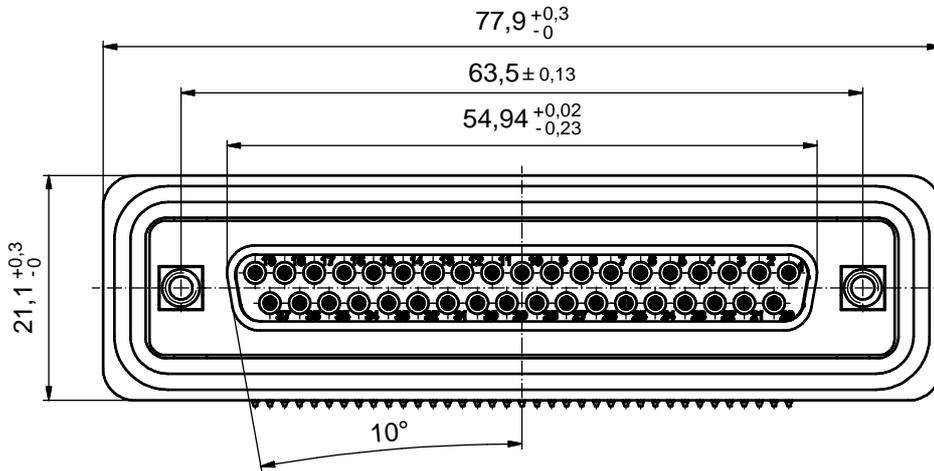
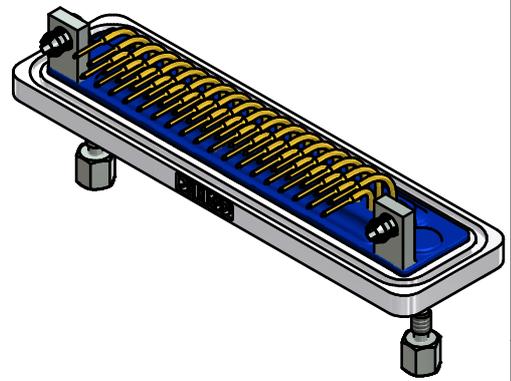
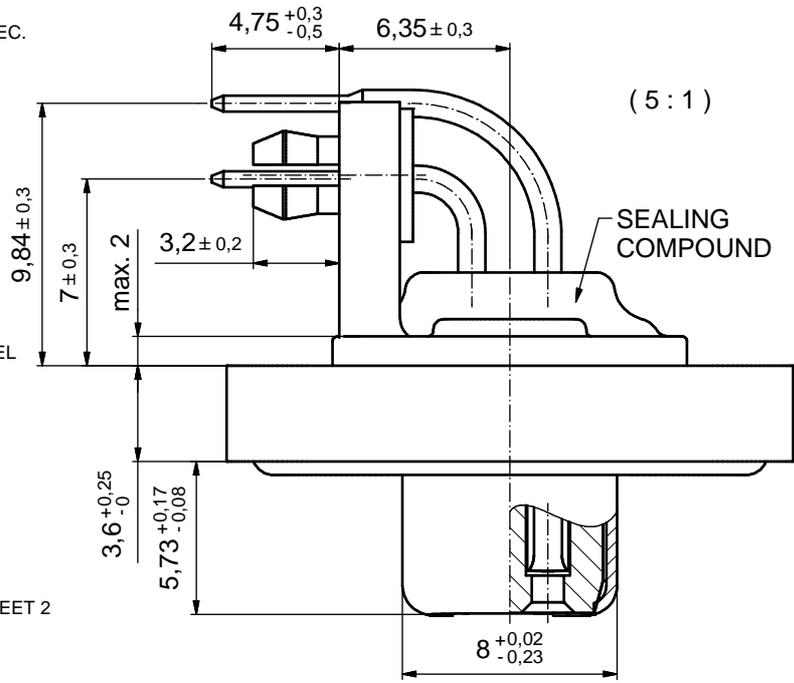


NOTES:

1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 240°C FOR 5 SEC. AND SOLDER PREHEAT 120°C FOR 120 SEC.)
2. METALSHELLS: COPPER ALLOY; min. 315µin 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
5. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER / 40-120µin NICKEL / 120-200µin TIN
6. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; NICKEL PLATED
8. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. FRAME: ZINC DIE CAST; NICKEL PLATED
11. O-RING: SILICON; BLUE
12. SEALING COMPOUND: PUR; BLUE
13. P.C.B. HOLE DRILLINGS AND RECOMMENDED PANEL CUT-OUT ON SHEET 2
14. RECOMMENDED TORQUE FOR MOUNTING SCREW 35 Ncm (3.1 in.LB) / max. 40 Ncm (3.5 in.LB)
15. CONNECTOR IS PART MARKED: **6STD37S□U99R40X CONEC ABC** (see note 4)



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

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		
	drawn	12.04.16	Lehmenkühler		title: D-SUB FEMALE 90° 37pos. SOLDER PIN ANGLED with threaded insert, metal bracket, snap, hex bolt		
	appd.	12.04.16	Liedmann				
	norm						
	d-old						
	rev.	a	Original			dwg no: 15K1A1874	DIN-A3
	description					sh: 1	
						part no: 6STD37S□U99R40X (see note 4)	

