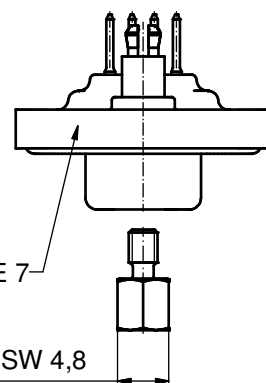
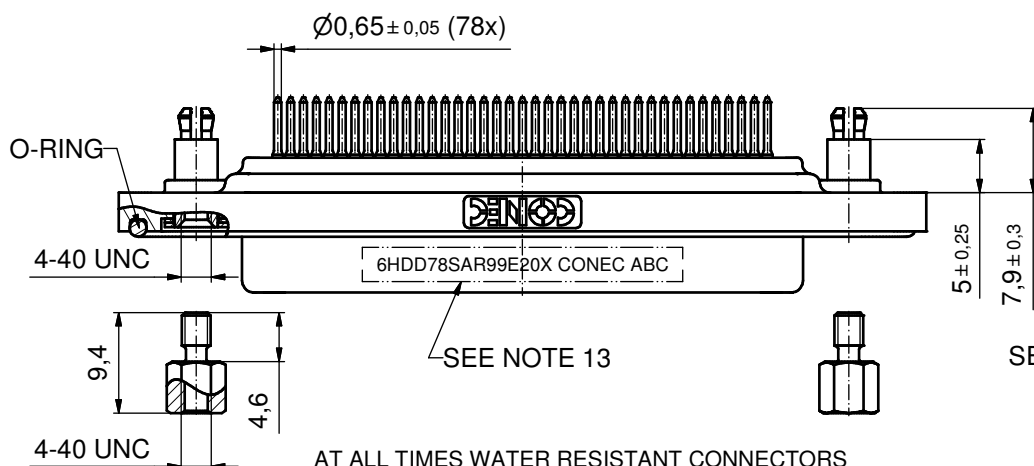
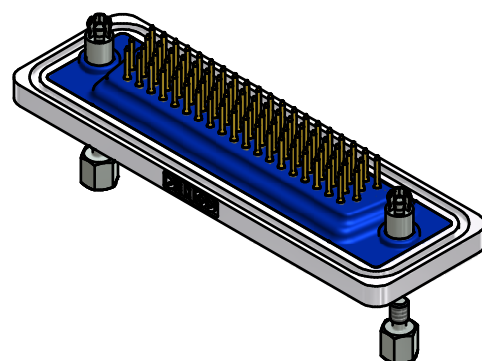
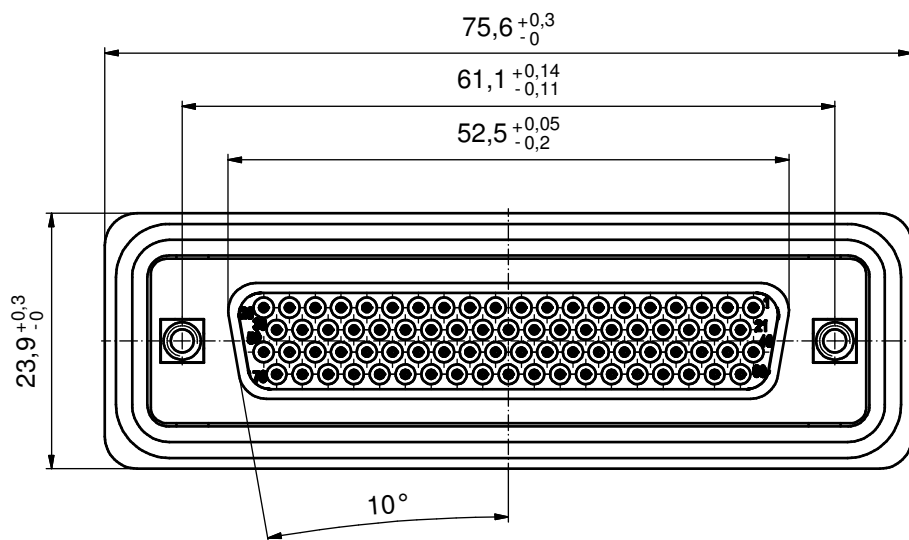
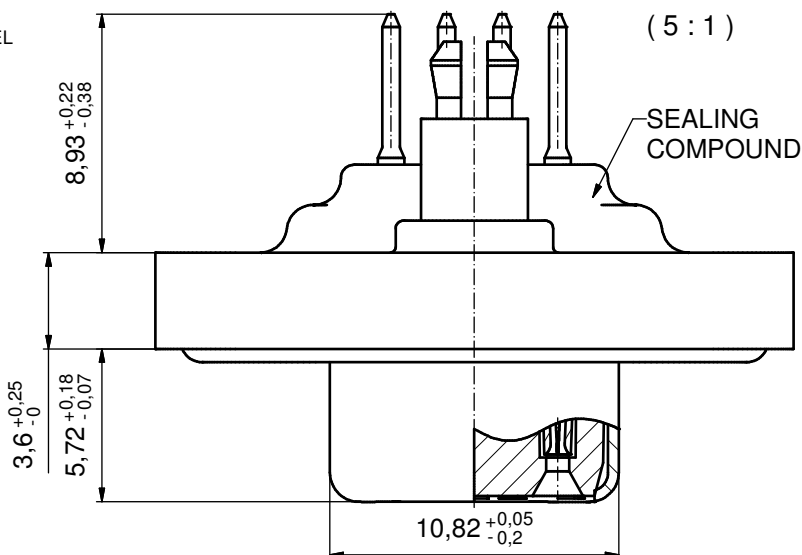


NOTES:

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. INSULATOR: PBT GF UL 94 V-0; BLACK
4. CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
5. THREADED SPACER CLIPS:
COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$; PCB THICKNESS 1,6mm
6. COLLARS: COPPER ALLOY, min. 200µin TIN over 80µin NICKEL
7. FRAME: ZINC DIE CAST; NICKEL PLATED
8. O-RING: SILICON; BLUE
9. SEALING COMPOUND: PUR; BLUE
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. P.C.B. HOLE DRILLINGS and
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: **6HDD78SAR99E20X CONEC ABC**



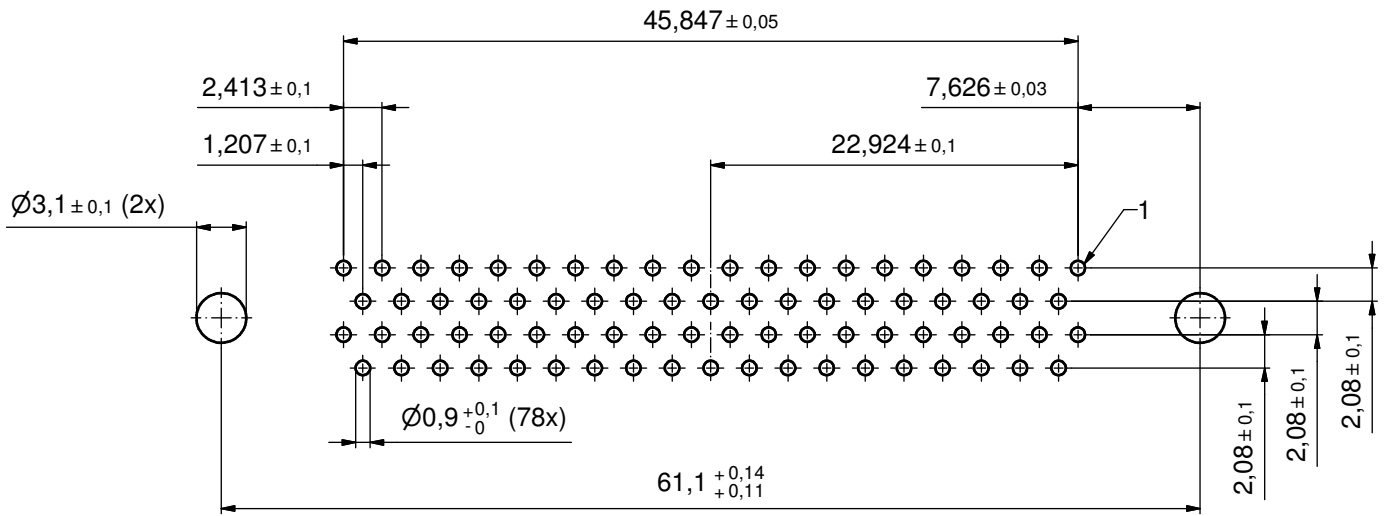
AT ALL TIMES WATER RESISTANT CONNECTORS
NOT IN USE SHOULD BE COVERED
WITH A CONEC WATER RESISTANT CAP
OR WATER TIGHT HOOD.

Directive 2002/95/EC RoHS compliant

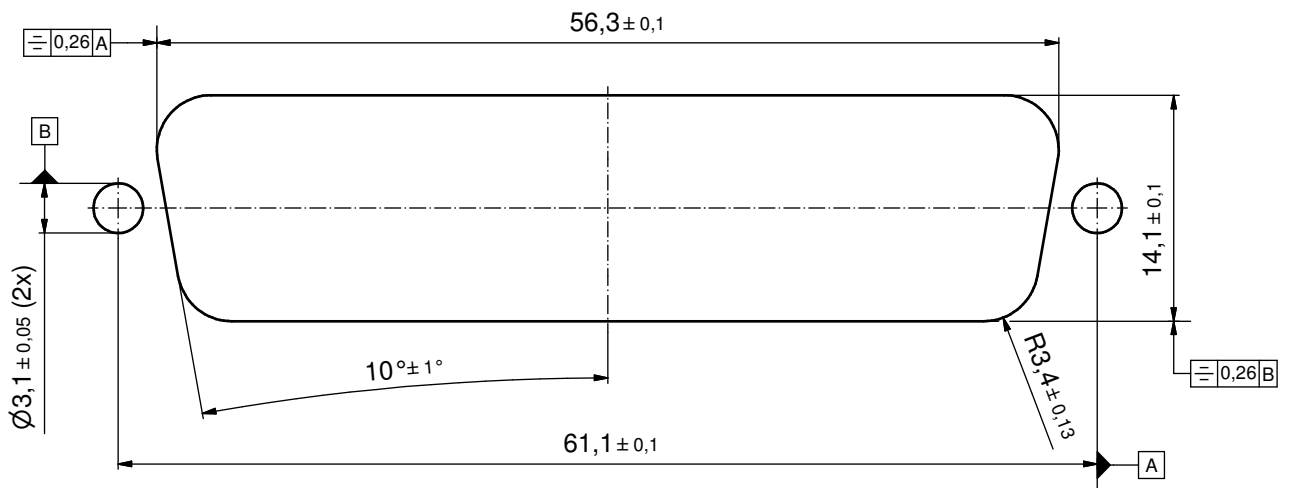
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND										tolerance				scale: 2:1 (5:1)							
										dim. in mm				material: see notes							
														date	name		title: D-SUB HD FEMALE 78pos. SOLDER PIN STRAIGHT with threaded spacer clip and hexlocking screw				
														drawn	26.03.12	Henneboel					
														appd.	29.03.12	Fischer					
				norm																	
				d-old			dwg no:				DIN-A3										
								15K2A638				sh: 1									
a	Original							part no: 6HDD78SAR99E20X													
rev.	description	date	name																		

CONEC

(P.C.B. TOP SIDE)



RECOMMENDED PANEL CUT-OUT



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	
								material: see sheet1	
						date	name	title: P.C.B. HOLE DRILLINGS PANEL CUT-OUT D-SUB Female HD 78pos. Solder pin straight	
						drawn 26.03.12	Henneboel		
						appd. 29.03.12	Fischer		
						norm			
						d-old		dwg no: 15K2A638 part no: SEE SHEET 1	
	a	Original					DIN-A3		
	rev.	description	date	name			sh: 2		