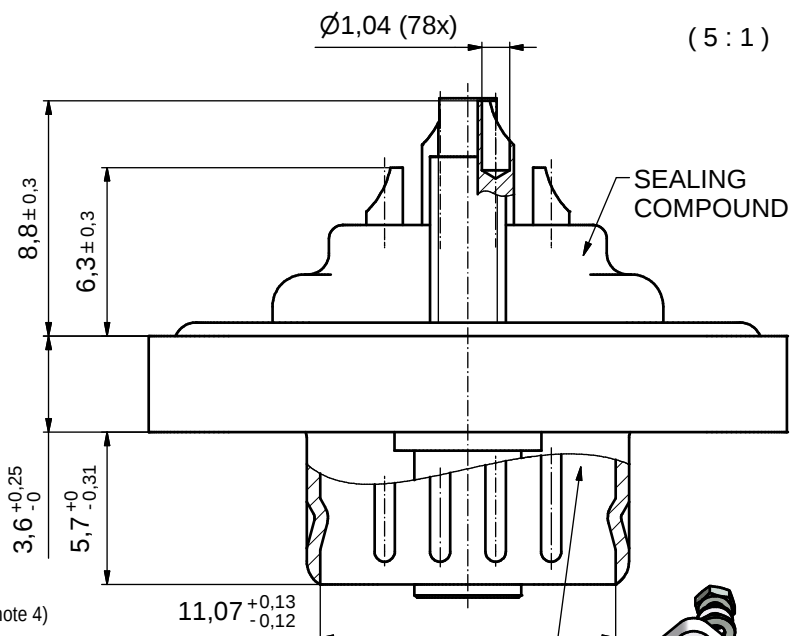
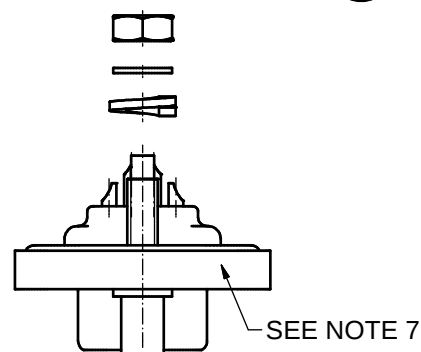
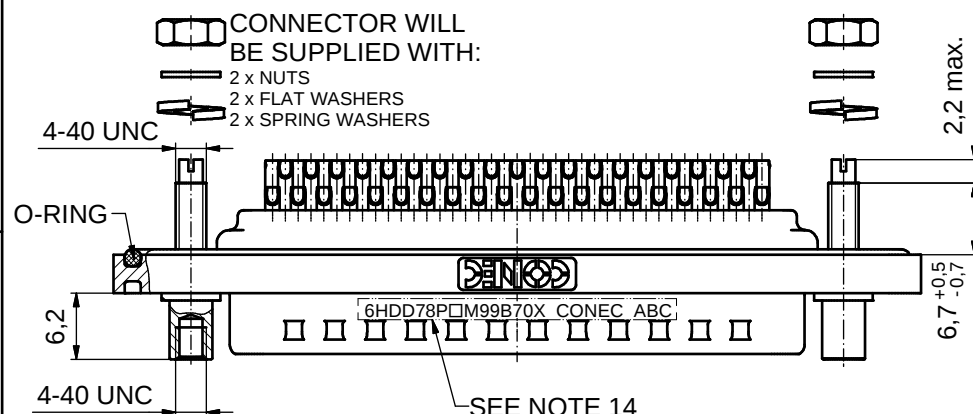
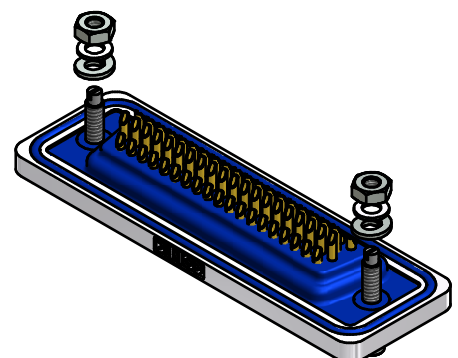
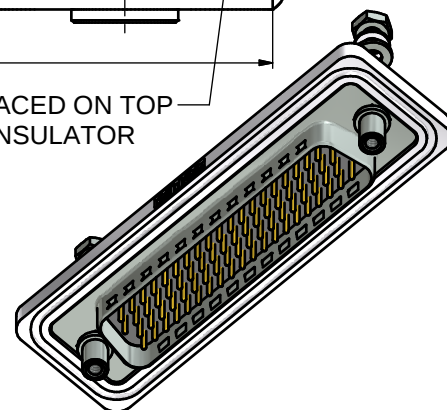
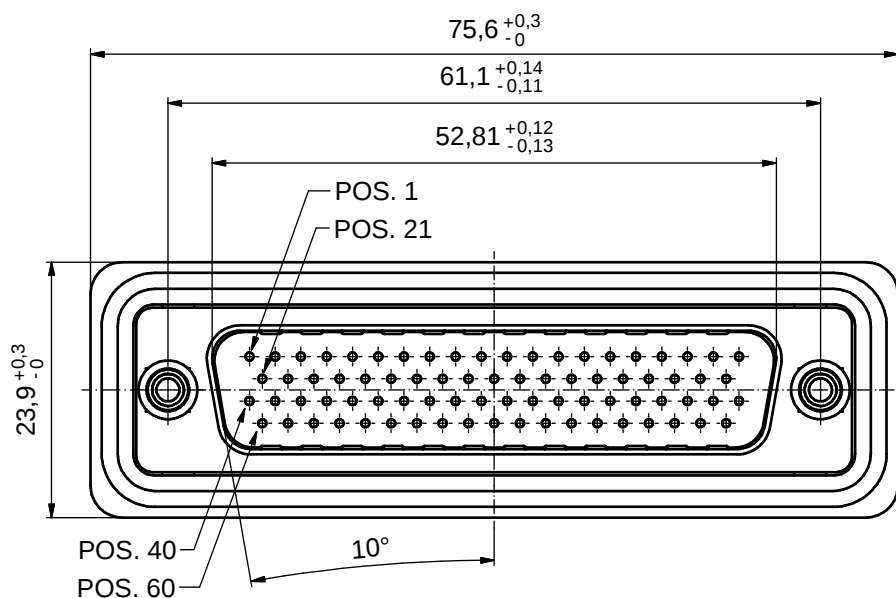


NOTES:

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; BLACK
4. SIGNAL CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.)
 - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
 - PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
 - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
 SOLDER CUP ACCEPTS CABLE AWG 22
5. THREADED LOCKS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. FRAME: ZINC DIE CAST; NICKEL PLATED
8. STUD BOLTS / 4-40 UNC: STEEL; TIN PLATED
9. RUBBER-GASKET: TPE; BLACK
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. RECOMMENDED PANEL CUT-OUT SEE SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max.40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: **6HDD78P□M99B70X CONEC ABC** (see note 4)



RUBBER GASKET PLACED ON TOP SURFACE OF MALE INSULATOR



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

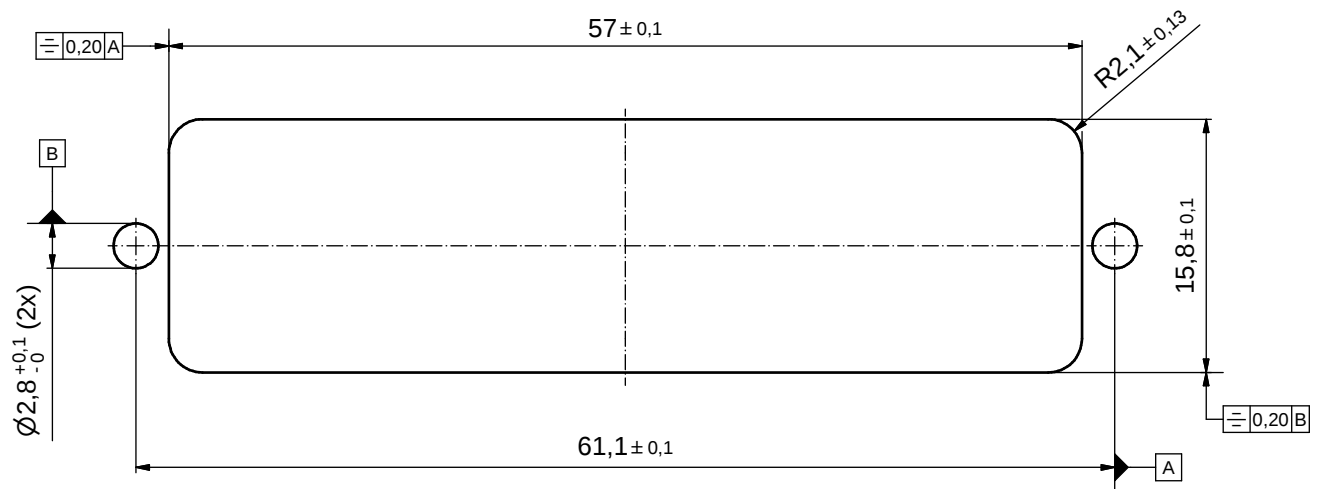
Directive 2002/95/EC RoHS compliant

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 HD MALE 78pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt		
					drawn 10.07.13	Lehmenkühler			
					appd. 11.07.13	Fischer			
					norm				
					d-old		dwg no: Inventor 10 DIN-A3 15K1A1340 sh: 1		
	a	Original							
	rev.	description	date	name					
	part no: 6HDD78P□M99B70X (see note 4)								

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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							material: SEE SHEET 1						
								date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB HD MALE 78pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt			
								drawn 10.07.13	Lehmenkühler				
								appd. 11.07.13	Fischer				
								norm					
								d-old					
										dwg no:		Inventor 10	DIN-A3
				a	Original					15K1A1340		sh: 2	
				rev.	description	date	name			part no:		SEE SHEET 1	