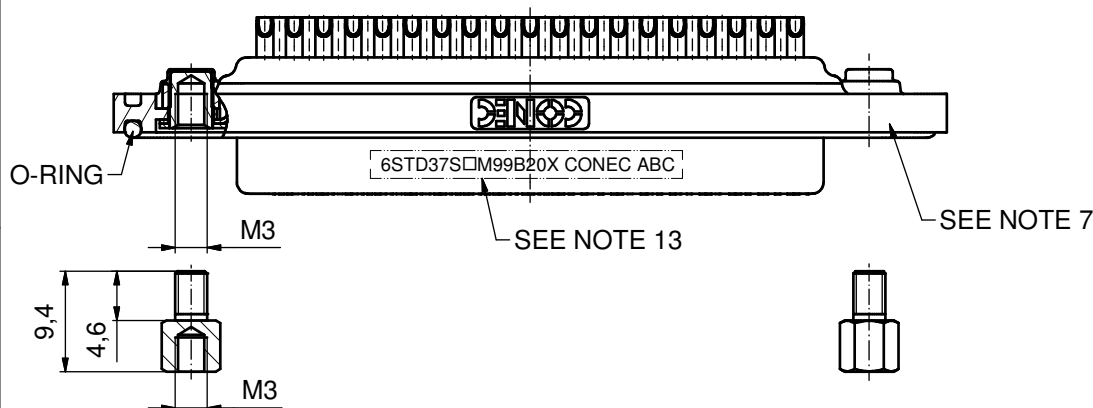
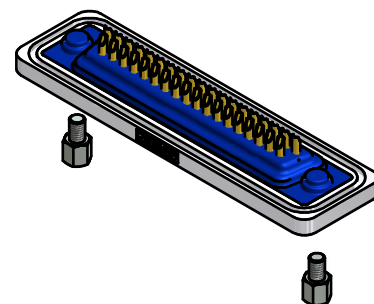
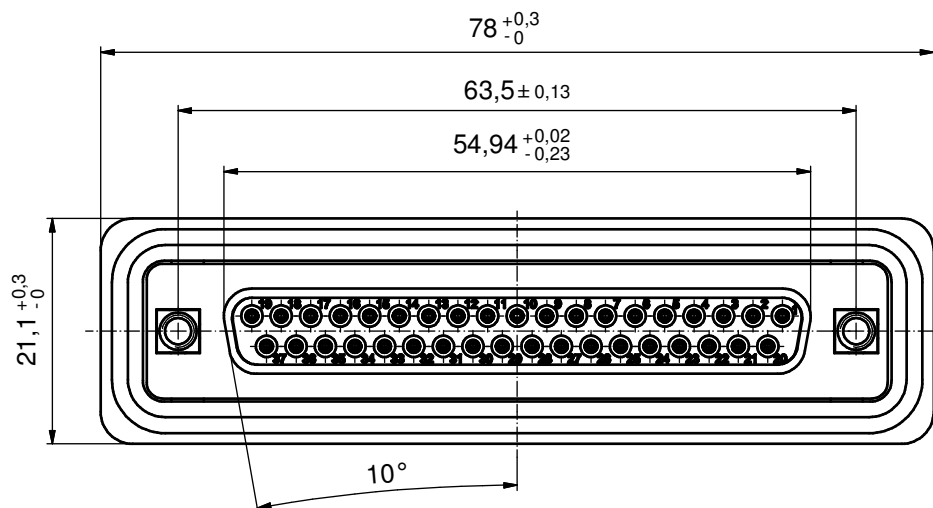
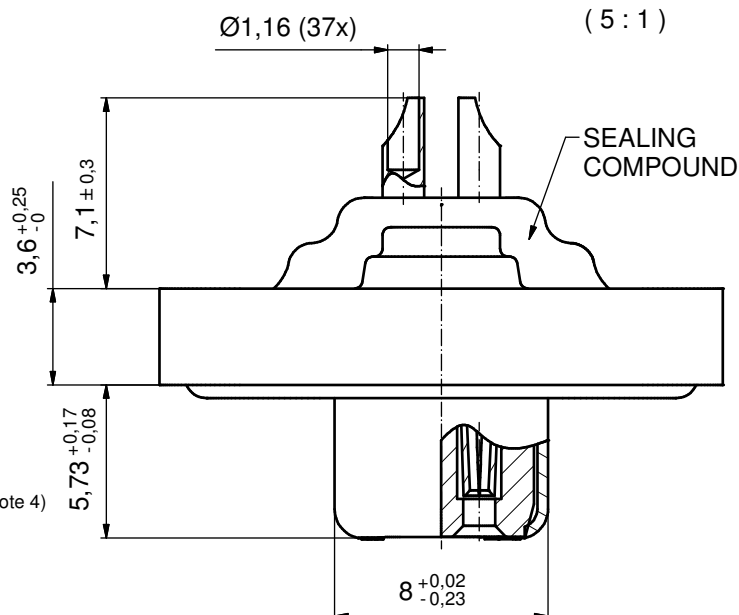


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METAL SHELLS: 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 INSERTS: 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. HEXLOCKING SCREW: STAINLESS STEEL
9. O-RING: SILICON; BLUE
10. SEALING COMPOUND: PUR; BLUE
11. RECOMMENDED PANEL CUT-OUT SEE SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB)
 / max.40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: **6STD37SCM99B20X 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.



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: D-SUB FEMALE 37pos. SOLDER CUP with threaded insert and hexlocking screw	
				drawn 20.07.12	Henneboel			
				appd. 20.07.12	Koch			
				norm				
				d-old		dwg no:		DIN-A3
						15K1A1096		sh: 1/2
	a	Original				part no: 6STD37S□M99B20X (see note 4)		
	rev.	description	date			name		

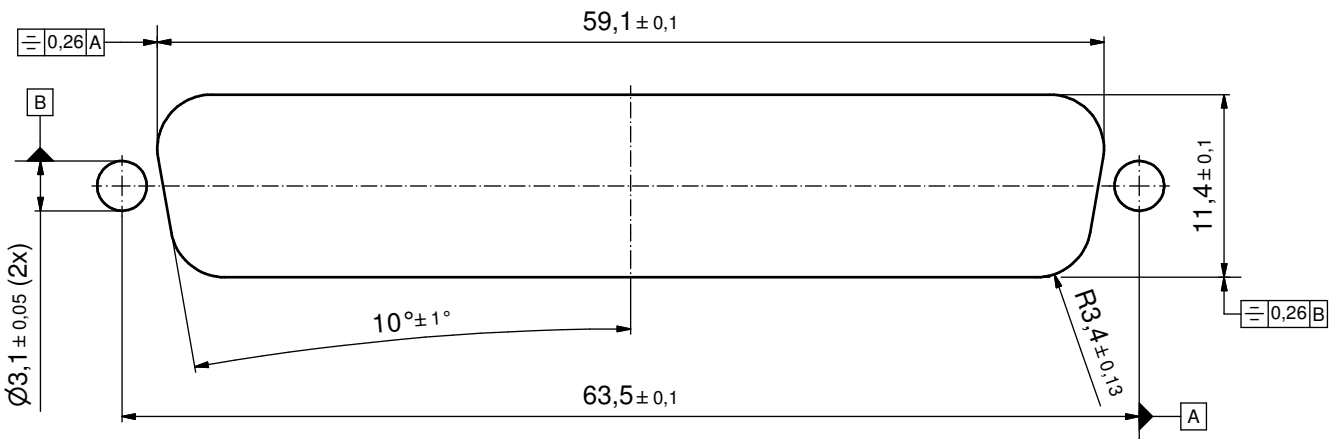
Directive 2002/95/EC RoHS compliant

CONEC

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 sheet1		
						date	name	title: PANEL CUT-OUT D-SUB FEMALE 37pos. SOLDER CUP with threaded insert hexlocking screw			
					drawn	20.07.12	Henneboel				
					appd.	20.07.12	Koch				
					norm						
					d-old						
								dwg no:		DIN- A3 sh: 2/2	
	a	Original									
	rev.	description	date	name				part no: 6STD37SAM99B20X			

