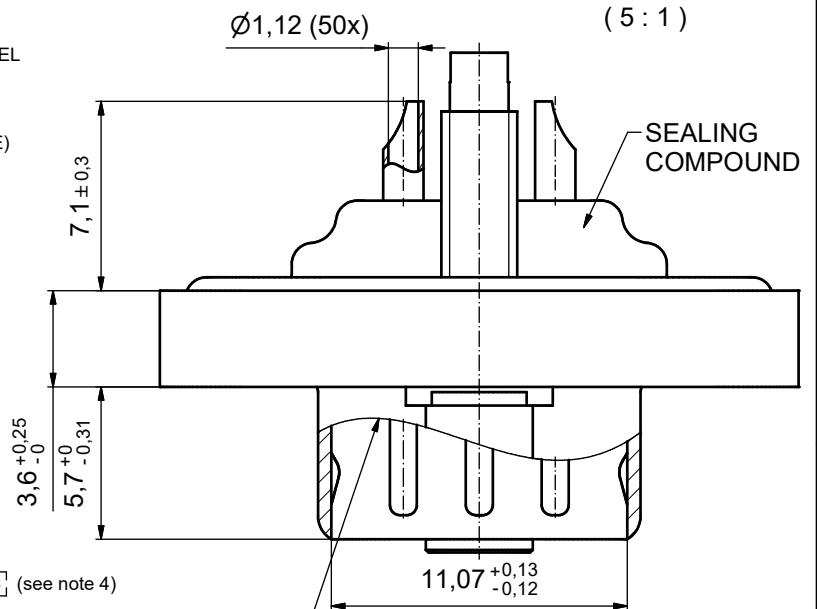
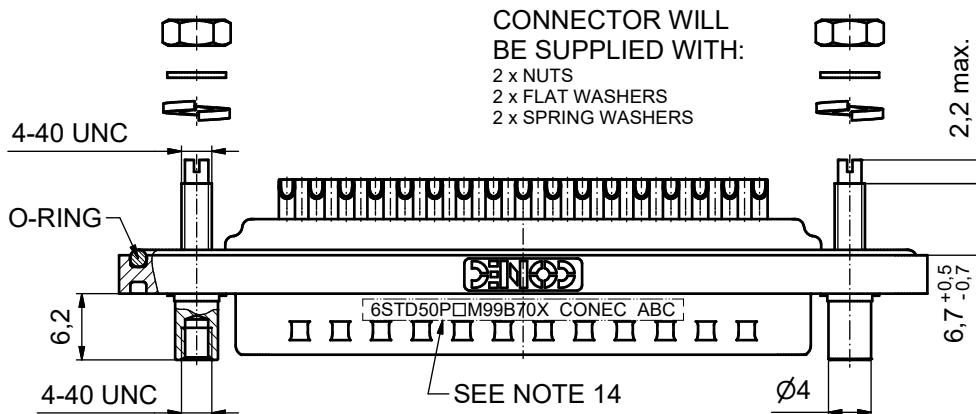
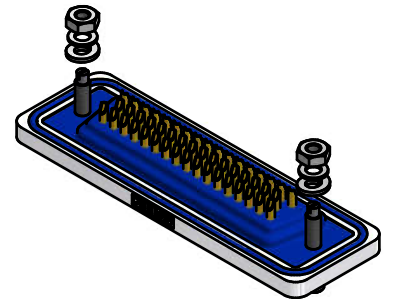
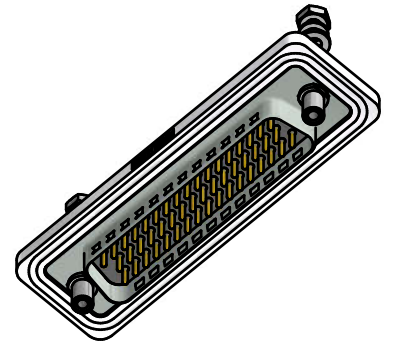
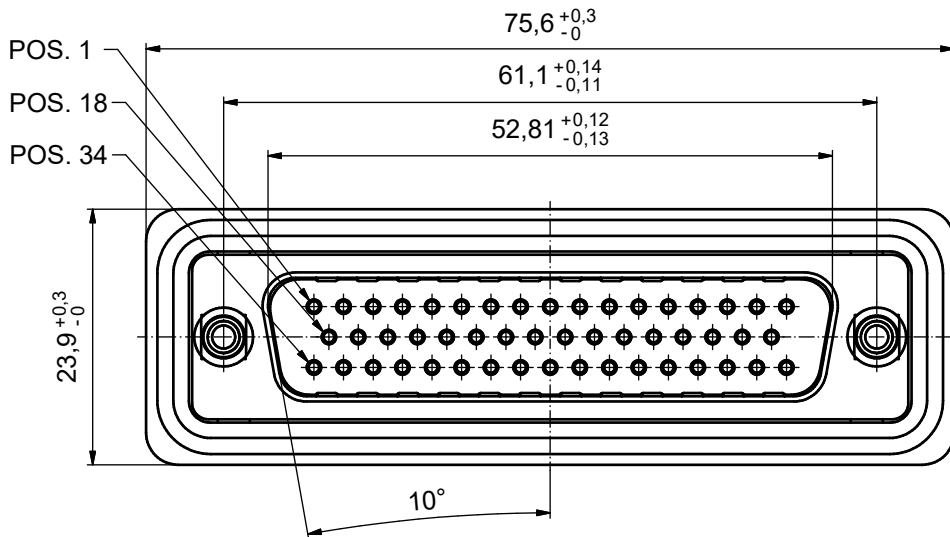


NOTES:

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 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 CABLE AWG 20
5. THREADED LOCKS: COPPER ALLOY;
min. 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. STUD BOLTS / 4-40 UNC: STEEL; TIN PLATED
8. FRAME: ZINC DIE CAST; NICKEL 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 STUD BOLT
35Ncm (3.1 in.LB) / max.40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: **6STD50P□M99B70X CONEC ABC** (see note 4)

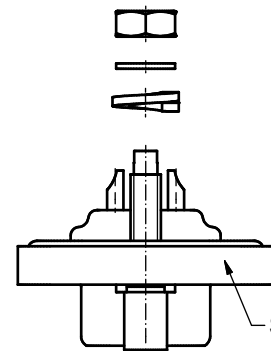


RUBBER GASKET PLACED ON TOP SURFACE OF MALE INSULATOR



CONNECTOR WILL BE SUPPLIED WITH:

- 2 x NUTS
- 2 x FLAT WASHERS
- 2 x SPRING WASHERS



SEE NOTE 8

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

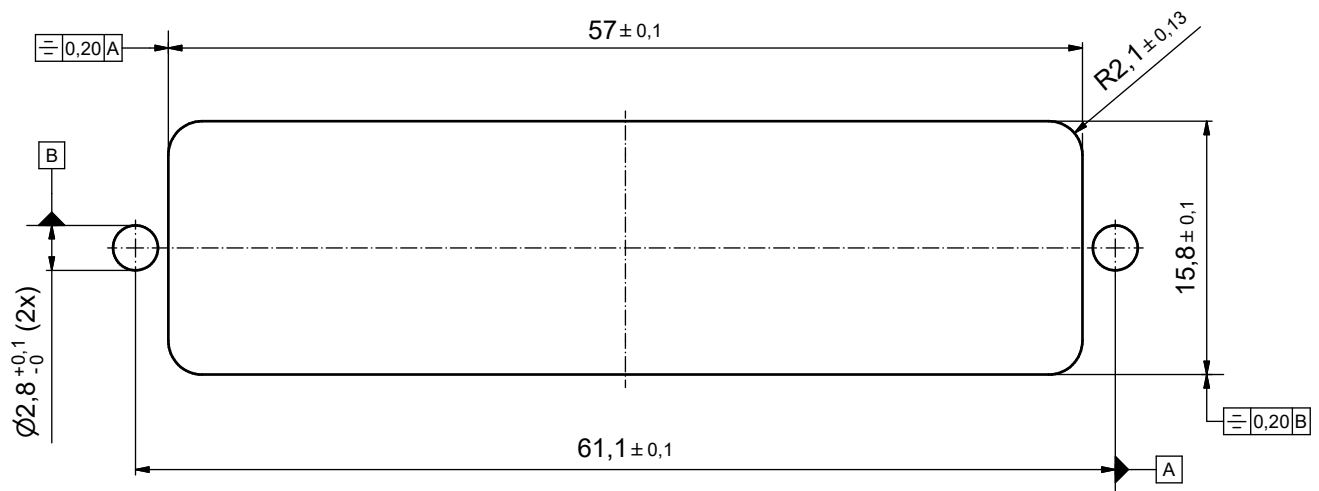
Directive 2002/95/EC RoHS compliant

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		 dim. in mm	scale: 2:1 (5:1)					
								material: SEE NOTES					
									date	name	title: D-SUB MALE 50pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt		
									drawn 26.05.14	Schmidt			
				appd. 26.05.14	Lehmenkühler								
				norm	dwg no:			DIN-A3 sh: 1					
				d-old									
	a	Original					15K1A1490						
	rev.	description	date							name			
								part no: 6STD50P□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 MALE 50pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt		
								drawn	26.05.14			Schmidt
								appd.	26.05.14			Lehmenkühler
				norm								
				d-old			dwg no:		DIN- A3 sh: 2			
a	Original											
rev.	description	date	name				part no: SEE SHEET 1					