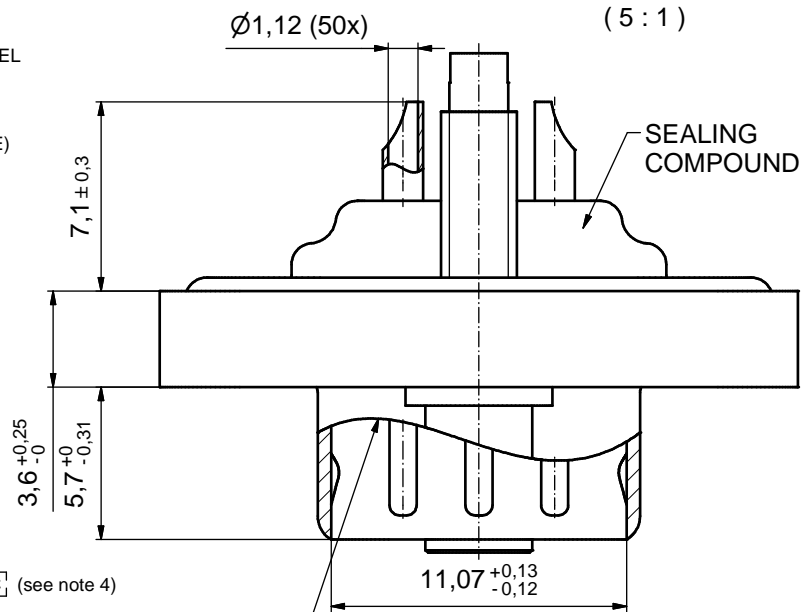
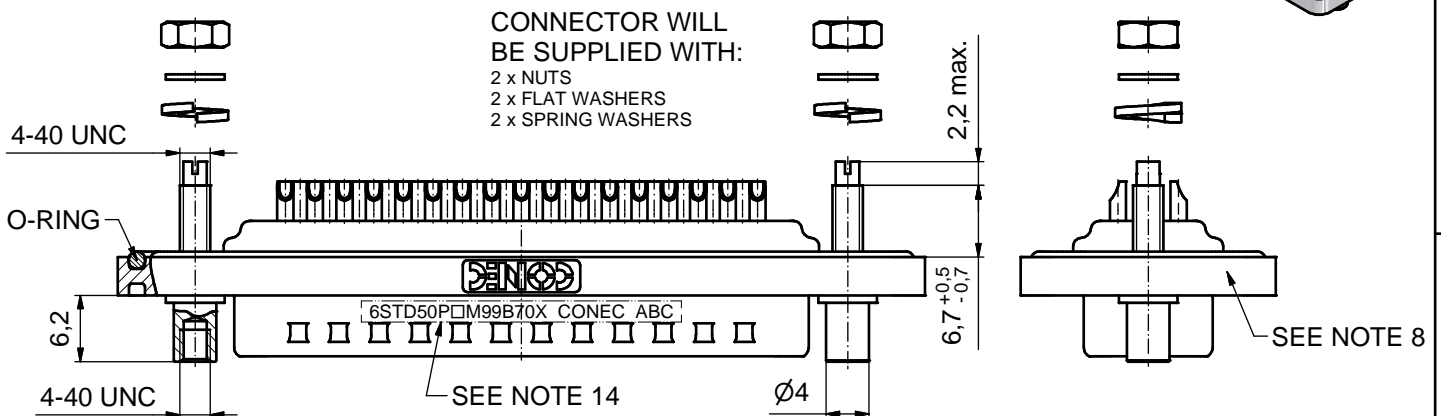
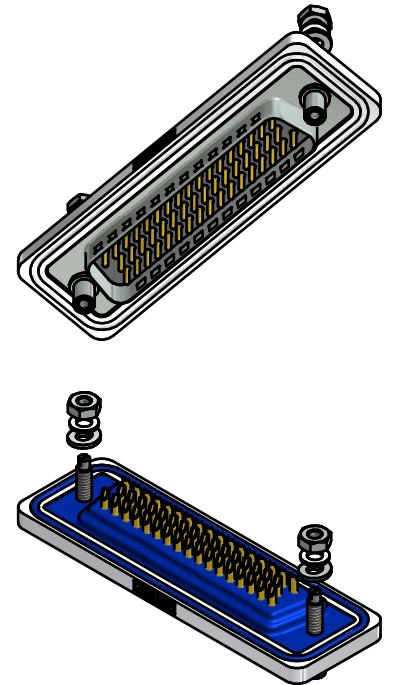
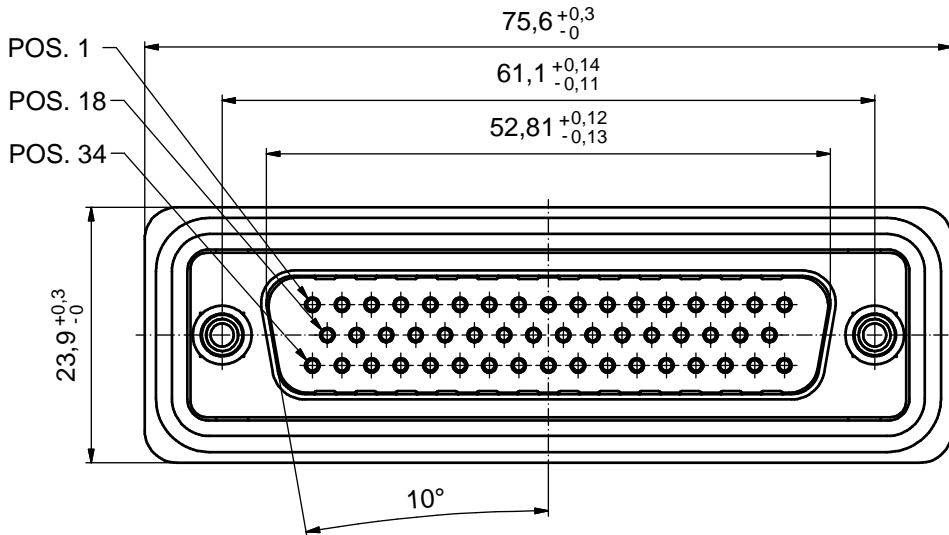


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µm TIN over 40-80µm 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 20µm HARD GOLD over min. 50µm NICKEL
 - PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
5. THREADED LOCKS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
6. COLLARS: COPPER ALLOY; min. 200µm TIN over 80µm 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



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

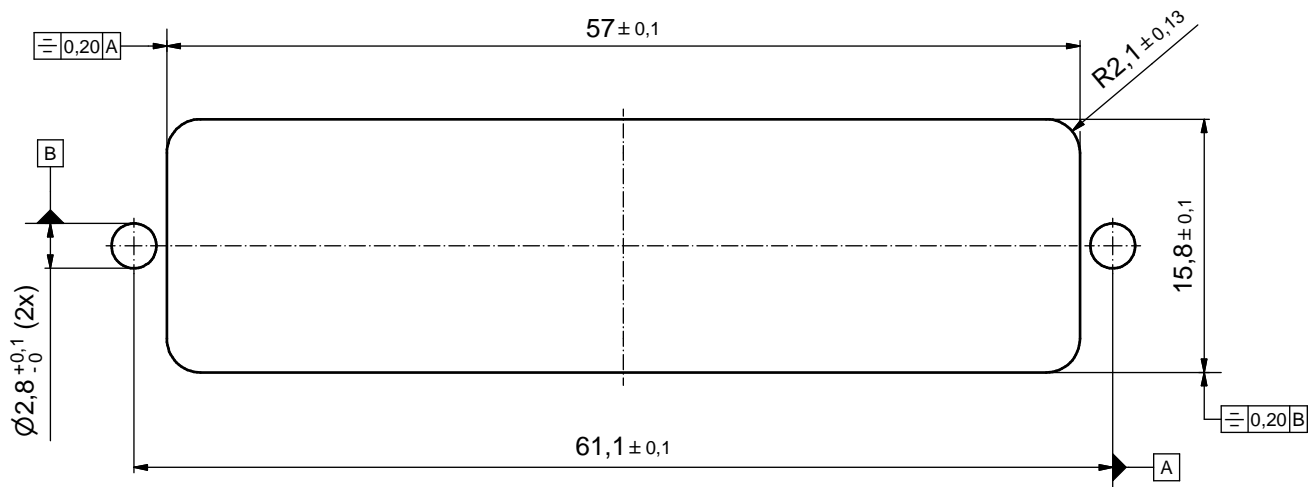
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND	tolerance		dim. in mm	scale: 2:1 (5:1)	
				material: SEE NOTES	
	date	name	title:		
	drawn 26.05.14	Schmidt	D-SUB MALE		
	appd. 26.05.14	Lehmenkühler	50pos. SOLDER CUP		
norm		with threaded lock and 4-40 UNC stud bolt			
d-old		dwg no:		DIN-A3	
a	Original	15K1A1490		sh: 1	
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



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: 3:1
				date	name	material: SEE SHEET 1
				drawn	26.05.14	Schmidt
				appd.	26.05.14	Lehmenkühler
				norm		
				d-old		
				rev.	a Original	
rev.	description	date	name	CONEC®		title: RECOMMENDED PANEL CUT-OUT D-SUB MALE 50pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt
						dwg no:
				15K1A1490		sh: 2
						part no: