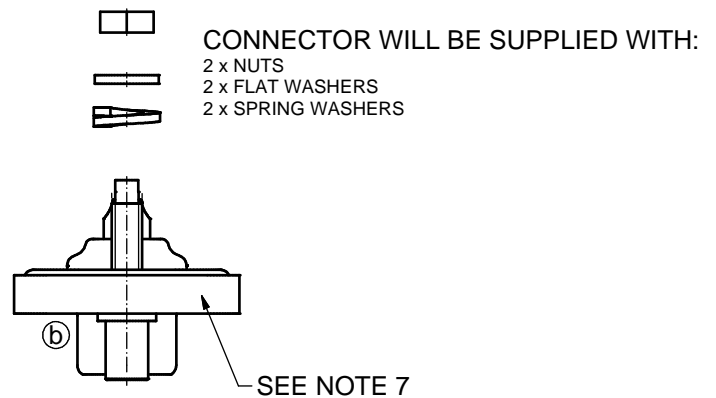
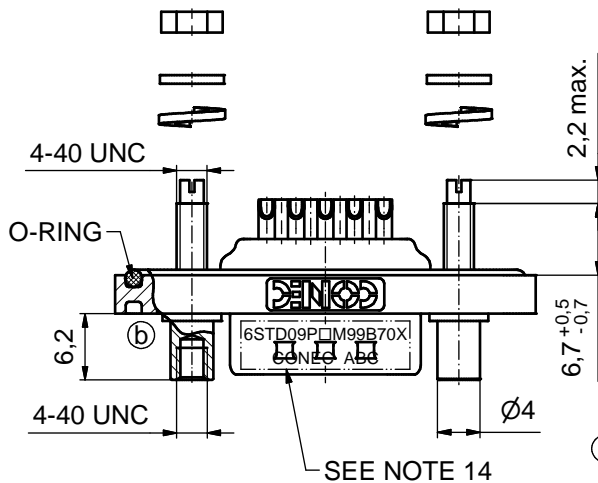
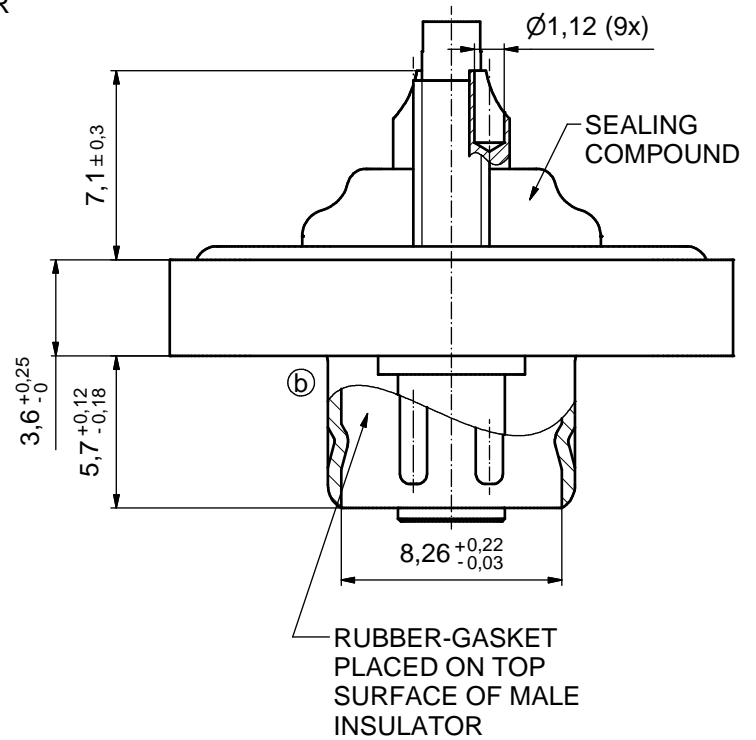
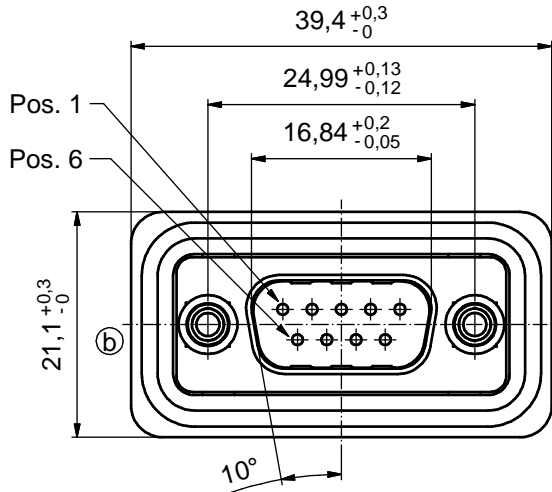


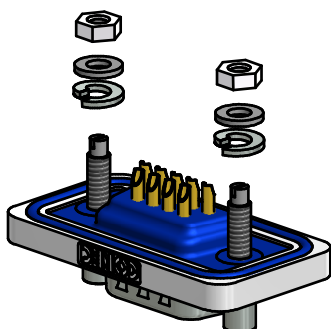
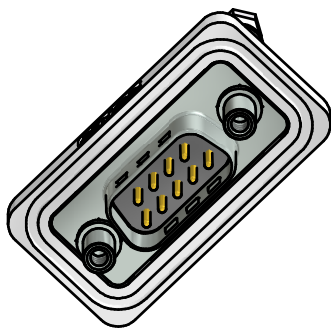
AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

(5:1)





NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 320µin 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)
5. SOLDER CUP ACCEPTS CABLE AWG 20
6. THREADED LOCKS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
8. FRAME: ZINC DIE CAST; NICKEL PLATED
9. STUD BOLTS / 4-40 UNC: STEEL; TIN PLATED
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. RUBBER GASKET: TPE; BLACK
13. RECOMMENDED PANEL CUT-OUT ON SHEET 2
14. RECOMMENDED TORQUE FOR STUD BOLT 35Ncm (3,1 in.LB) / max. 40Ncm (3,5 in.LB)
15. CONNECTOR IS PART MARKED: 6STD09P□M99B70X CONEC ABC (see note 4)





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			
				DO NOT ALTER CAD DRAWING BY HAND						title:  D-SUB MALE 9pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt	
						date		name			
drawn	11.05.12	Henneboel									
appd.	14.05.12	Fischer									
		norm				dwg no:  15K1A1042  part no: 6STD09P□M99B70X (see note 4)					
		d-old		18K1A272							
6 x b		Ä4815		28.06.2013				DIN-A3			
a		Original						sh: 1			
rev.		description		date		name					
											

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.

Technical drawing of a rectangular plate with rounded corners and two circular holes. The drawing includes the following dimensions and features:

- Overall width:  $25 \pm 0,1$
- Overall height:  $13 \pm 0,1$
- Distance between hole centers:  $20,9 \pm 0,1$
- Radius of rounded corners:  $R2,1 \pm 0,13$
- Hole diameter:  $\varnothing 2,8 \pm 0,1 (2x)$
- Feature control frame for hole A:  $\text{A} \begin{array}{c} \text{=} \\ \text{=} \end{array} 0,20 \text{A}$
- Feature control frame for hole B:  $\text{B} \begin{array}{c} \text{=} \\ \text{=} \end{array} 0,20 \text{B}$

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: 3:1	
								material: SEE SHEET 1	
					date	name	title:  PANEL CUT-OUT D-SUB MALE 9pos. SOLDER CUP with threaded lock and 4-40 UNC stud bolt		
					drawn 11.05.12	Herneboel			
					appd. 14.05.12	Fischer			
					norm				
					d-old		dwg no:		DIN- A3 sh: 2
	a	Original					15K1A1042		
	rev.	description	date	name			part no:		SEE SHEET 1

# Mouser Electronics

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