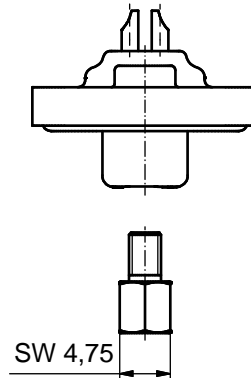
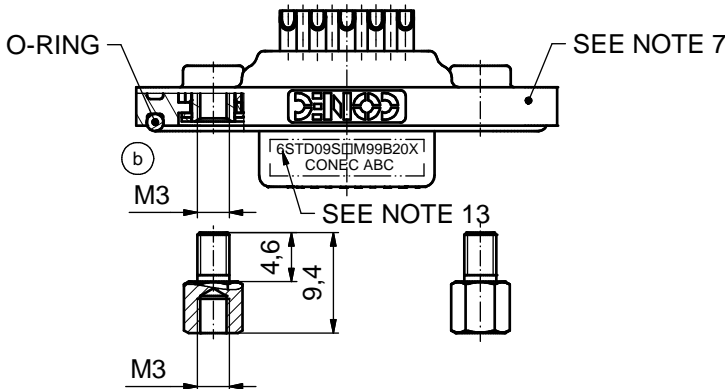
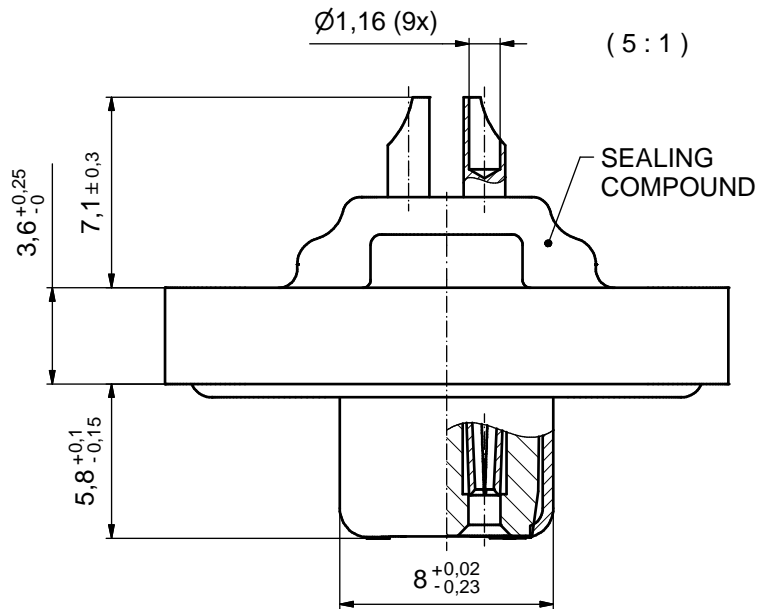
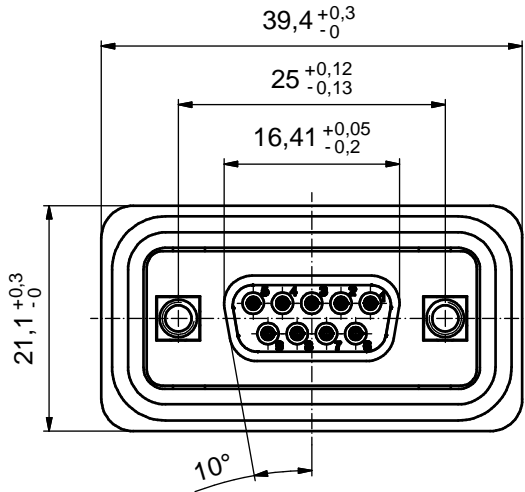
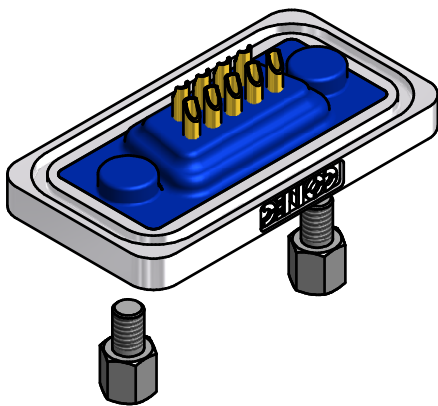


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.



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. 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
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. O-RING: SILICON; BLUE
9. SEALING COMPOUND: PUR; BLUE
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. RECOMMENDED PANEL CUT OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max. 40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: 6STD09S□M99B20X CONEC ABC (see note 4)



RoHS compliant

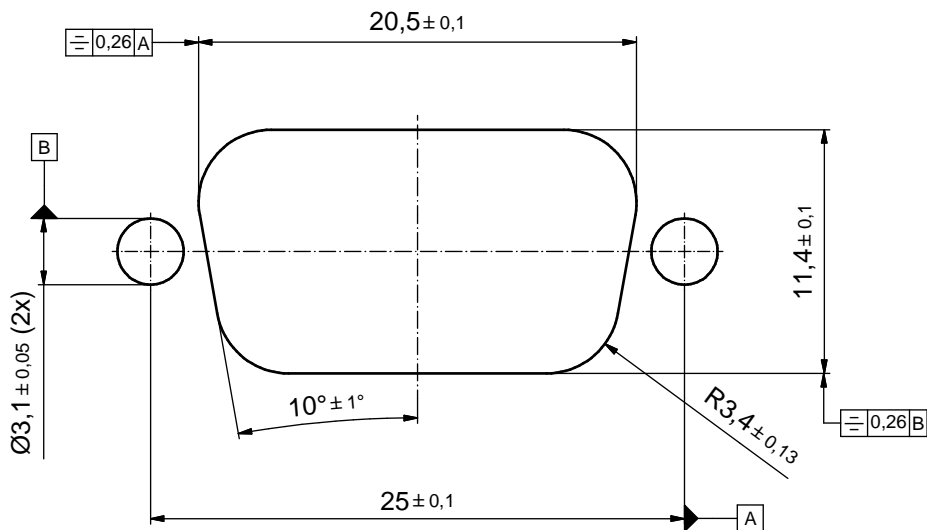
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND	tolerance		dim. in mm	scale: 2:1 (5:1)	
				material: SEE NOTES	
	date	name		title: D-SUB FEMALE 9pos. SOLDER CUP with threaded insert and hexlocking screw	
	drawn 16.01.08	Lehmenkühler			
	appd. 16.01.08	Mickenbecker			
norm	d-old		dwg no:		
1 x b	Ä 5862	21.10.15	Unkrüer	18K1A680 DIN-A3 sh: 1	
rev. description	date	name		part no: 6STD09S□M99B20X (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. Apply some solder to the solder tip of the soldering iron.
5. Put tip to wire in solder cup.
6. After 1 second bring in solder.
7. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
8. Remove soldering iron.
9. Wait until solder gets rigid again.
10. Do not solder adjacent contacts consecutively, alternate position within the connector to minimize heat build up.

RECOMMENDED PANEL CUT-OUT



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				date	name	material: SEE SHEET 1
				drawn	16.01.08	Lehmenkühler
				appd.	16.01.08	Mickenbecker
				norm		
				d-old		
				a	Original	
rev.	description	date	name	CONEC [®]		title: PANEL CUT-OUT D-SUB FEMALE 9pos. SOLDER CUP with threaded insert and hexlocking screw
						dwg no: 18K1A680
				part no: SEE SHEET 1		