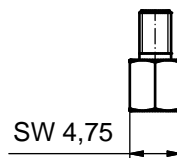
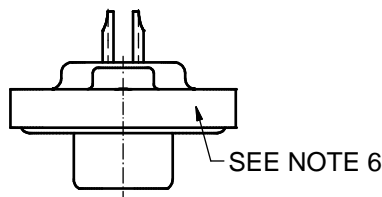
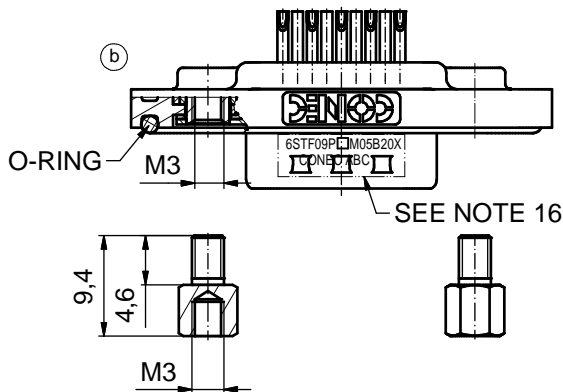
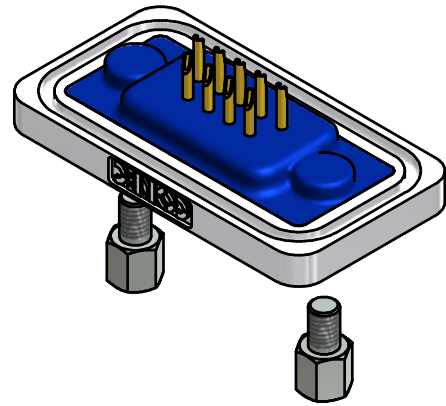
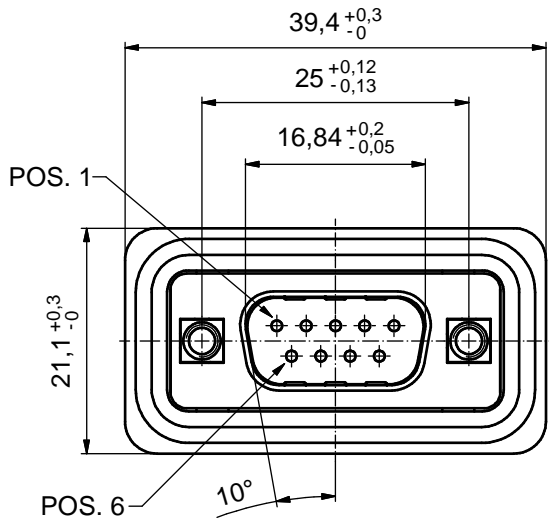
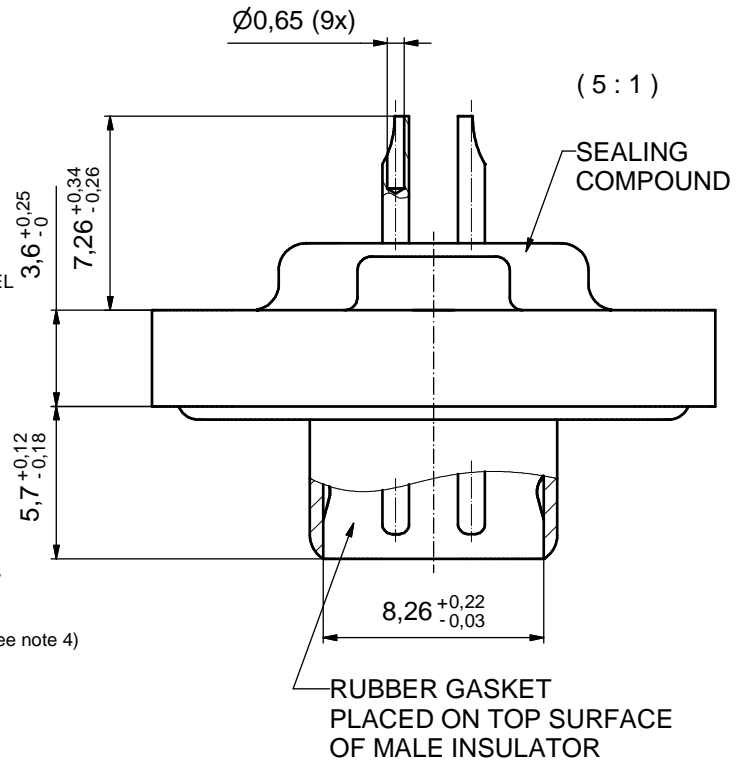


**NOTES:** (b)

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 320µm TIN over 40-80µm NICKEL
3. INSULATORS: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
4. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
  - PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
5. THREADED INSERTS: COPPER ALLOY; min 200µm TIN over 80µm NICKEL
6. FRAME: ZINC DIE CAST; NICKEL PLATED
7. RUBBER-GASKET: TPE; BLACK
8. COLLARS: COPPER ALLOY; min 200µm TIN over 80µm NICKEL
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. CAPACITANCE: 1300pF± 20%
13. DIELECTRIC WITHSTANDING VOLTAGE: 424 VDC
14. RECOMMENDED PANEL CUT-OUT on SHEET 2
15. RECOMMENDED TORQUE FOR MOUNTING SCREW 35N cm (3.1 in.LB) / max. 40N cm (3,5 in. LB)
16. CONNECTOR IS PART MARKED: 6STF09P□M05B20X CONEC ABC (see note 4)



FILTER IS TOTALLY GUARDED AGAINST HUMIDITY. WATER COULD PENETRATE INTO THE MATING AREA. AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

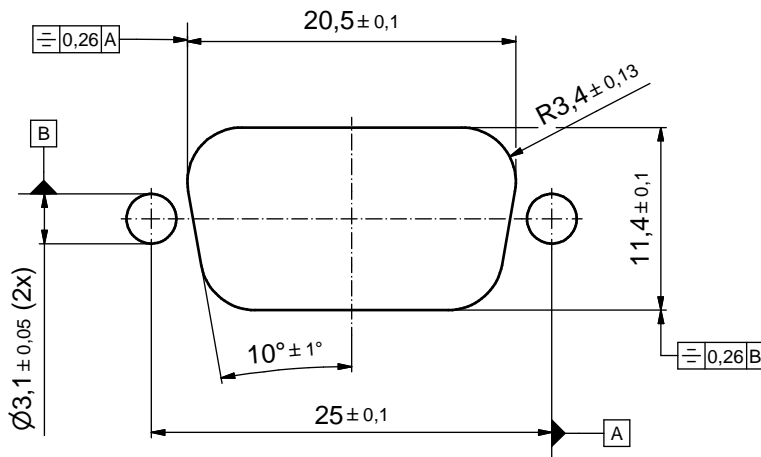
RoHS compliant

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		scale: 2:1 (5:1)
				date	name	material: SEE NOTES
				drawn 25.04.2012	Henneboel	title: D-SUB FILTER MALE 9pos. SOLDER CUP with threaded insert and hexlocking screw
				appd. 25.04.2012	Fischer	
				norm		
				d-old		
	3 x b	Ä 5765	13.08.2015	Unkrüer	dwg no: 15K1A1035	
a	Original			part no: 6STF09P□M05B20X (see note 4)		(b) sh: 1
rev.	description	date	name			

## 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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				date	name	material: SEE SHEET 1	
				drawn 25.04.2012	Henneboel	title: RECOMMENDED PANEL CUT-OUT D-SUB FILTER MALE 9pos. SOLDER CUP with threaded insert and hexlocking screw	
				appd. 25.04.2012	Fischer		
				norm			
				d-old		dwg no:	
	a	Original		<b>CONEC</b> <sup>®</sup>		15K1A1035	DIN-A3
	rev.	description	date			name	sh: 2
						part no: SEE SHEET 1	