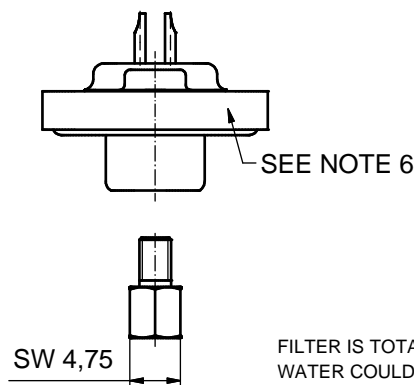
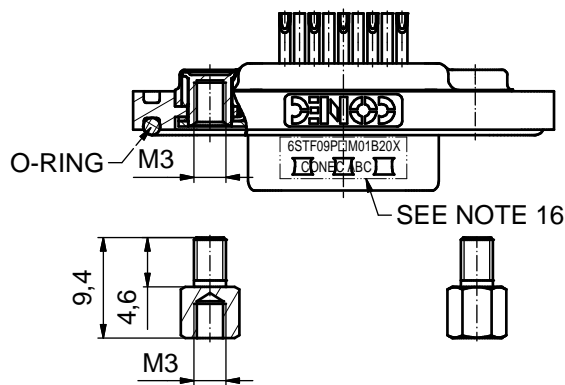
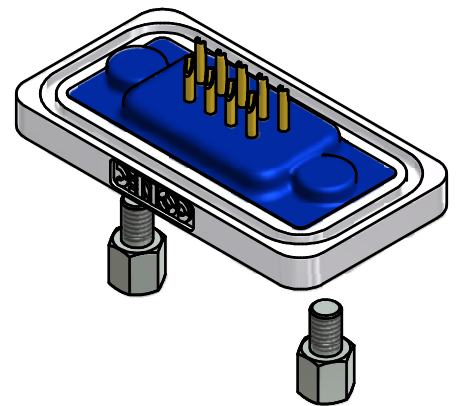
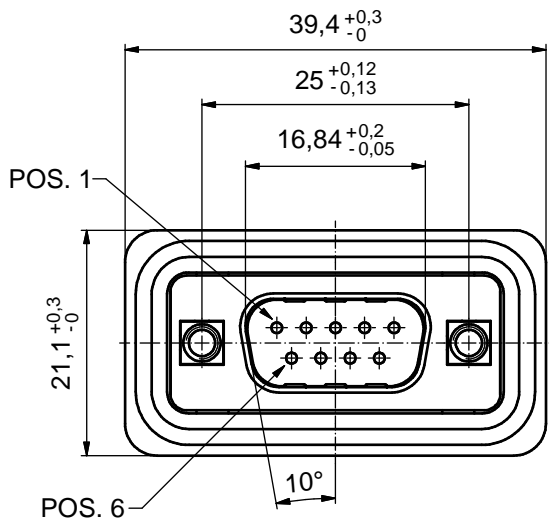
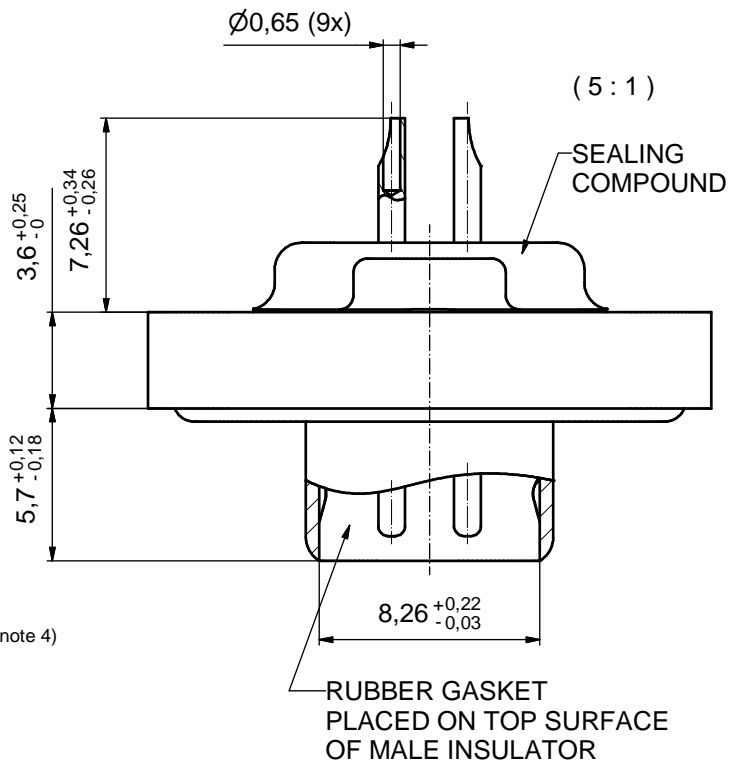


**NOTES:**

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
3. 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)
- SOLDER CUP ACCEPTS CABLE AWG 26
5. THREADED INSERTS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
6. FRAME: ZINC DIE CAST; NICKEL PLATED
7. RUBBER-GASKET: TPE; BLACK
8. COLLARS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. CAPACITANCE: 180pF± 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□M01B20X 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

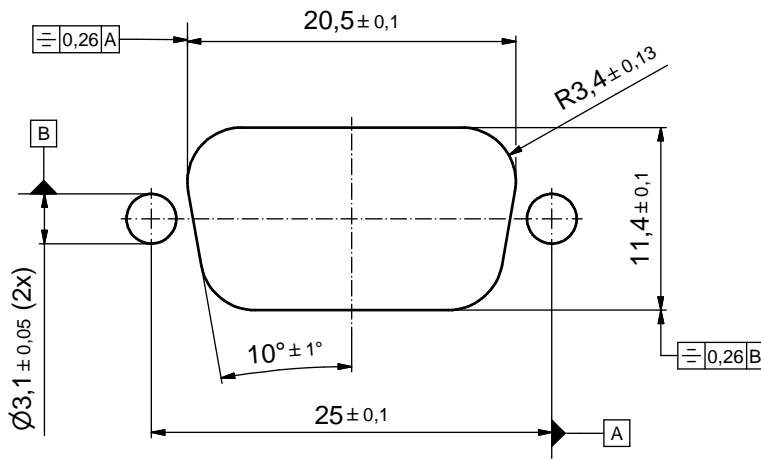
THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND	tolerance		dim. in mm	scale: 2:1 (5:1)
				material: SEE NOTES
	date	name	title:	
	drawn 05.02.2015	Heinrich	D-SUB FILTER MALE	
	appd. 05.02.2015	Lehmenkühler	9pos. SOLDER CUP	
norm		with threaded insert and hexlocking screw		
d-old		dwg no:	DIN-A3	
a Original		15K1A1615	sh: 1	
rev. description	date	name	part no: 6STF09PAM01B20X	



## 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	05.02.2015	Heinrich
				appd.	05.02.2015	Lehmenkühler
				norm		
				d-old		
				a	Original	
rev.	description	date	name	<b>CONEC</b> <sup>®</sup>		title: RECOMMENDED PANEL CUT-OUT D-SUB FILTER MALE 9pos. SOLDER CUP with threaded insert and hexlocking screw
						dwg no:
				part no:		15K1A1615 SEE SHEET 1