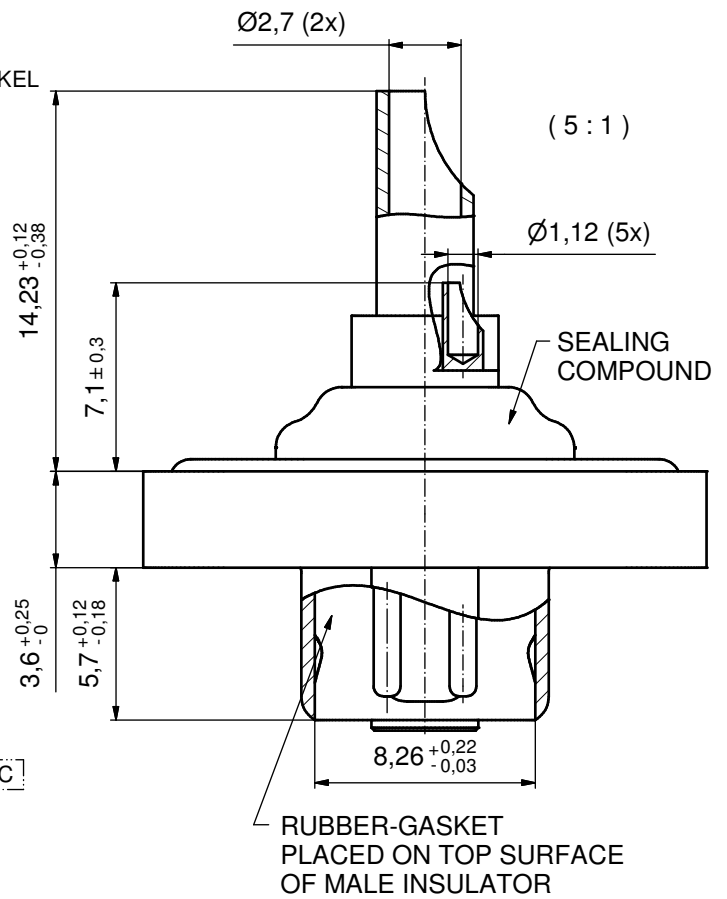
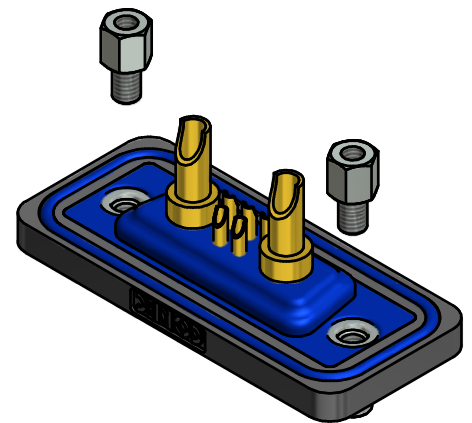
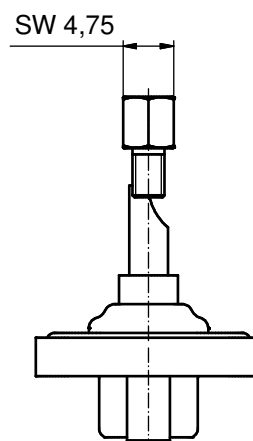
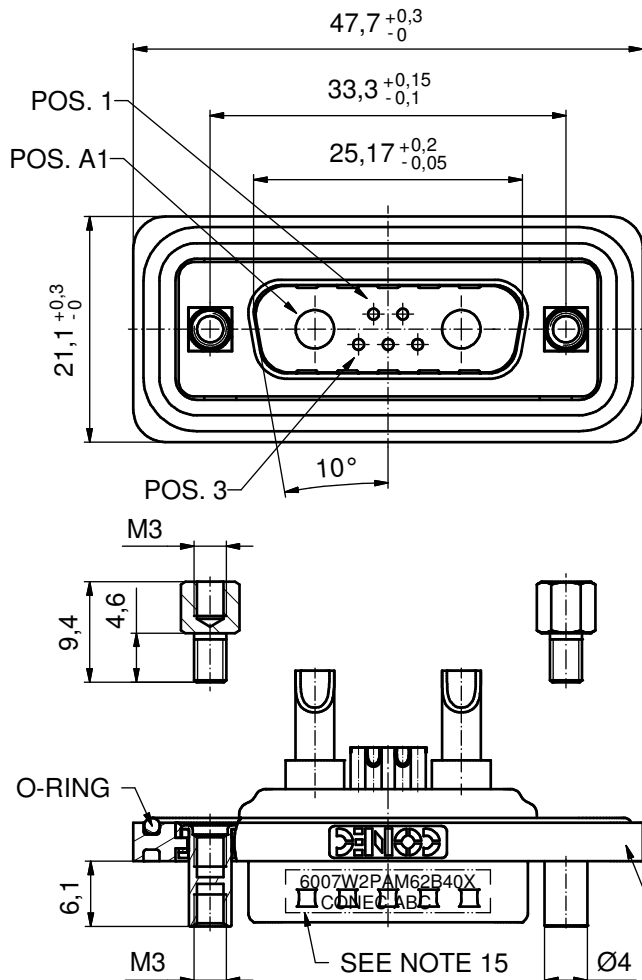


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METAL SHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0, GREEN
4. SIGNAL CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 20
5. HIGH POWER CONTACTS 20A: COPPER ALLOY
PLATING MATING AREA: GOLD FLASH over NICKEL
PLATING TERMINATION SIDE: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 8-10
6. THREADED LOCKS:
COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
8. HEXLOCKING SCREWS: STAINLESS STEEL
9. FRAME: ZINC DIE CAST; NICKEL PLATED
10. O-RING: SILICON; BLUE
11. RUBBER-GASKET: TPE; BLACK
12. SEALING COMPOUND: PUR; BLUE
13. RECOMMENDED PANEL CUT-OUT ON SHEET 2
14. RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3.1in.LB) / max. 40Ncm (3.5 in.LB)
15. CONNECTOR IS PART MARKED: 6007W2PAM62B40X CONEC ABC



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: D-SUB COMBINATION MALE 7W2P SOLDER CUP with threaded lock and hexlocking screw	
					drawn 10.11.11	Henneboel		
					appd. 10.11.11	Fischer		
					norm			
					d-old			
							dwg no: 15K1A964 DIN-A3 sh: 1	
	a	Original						
	rev.	description	date	name			part no: 6007W2PAM62B40X	

D-SUB COMBINATION MALE
7W2P SOLDER CUP
with threaded lock and hexlocking screw

15K1A964

part no: 6007W2PAM62B40X

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Signal Contact
 - 3.1. Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
 - 3.2. Put tip to wire in solder cup.
 - 3.3. After 1 second bring in solder.
 - 3.4. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
4. Power Contact
 - 4.1. Operate the soldering iron at 350°C, 100 Watt max. and use a pencil tip.
 - 4.2. Put tip to wire in solder cup.
 - 4.3. After 1 second bring in solder.
 - 4.4. Heat for 5 seconds longer. Do not heat contact more than 6 seconds in total.
5. Remove soldering iron.
6. Wait until solder gets rigid again.
7. Do not solder adjacent contacts consecutively, alternate position within the connector to minimize heat build up.

Technical drawing of a mechanical part showing dimensions and tolerances:

- Overall Width:** $33,3 \pm 0,1$
- Overall Height:** $13 \pm 0,1$
- Internal Width:** $29,2 \pm 0,1$
- Internal Height:** $10,8 \pm 0,1$
- Left Hole Diameter:** $\varnothing 3,1^{+0,1}_{-0}$
- Right Hole Diameter:** $\varnothing 3,1^{+0,1}_{-0}$
- Top Left Fillet Radius:** $R2,1 \pm 0,13$
- Feature A:** Indicated by a box labeled "A" at the top right corner.
- Feature B:** Indicated by a box labeled "B" at the bottom left corner.
- Surface Finish Symbols:** Two symbols are present, each consisting of a square box divided into two sections. The top section contains a double horizontal line ($=$). The bottom section contains the values $0,20$ and 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					tolerance		 dim. in mm	scale: 3:1		
								material: see sheet 1		
						date	name		title: PANEL CUTOUT D-SUB COM. MALE 7W2P SOLDER CUP with threaded lock and hexlocking screw	
					drawn	10.11.11	Herneboel			
					appd.	10.11.11	Fischer			
					norm					
					d-old					
									dwg no: 15K1A964	DIN-A3 sh: 2
	a	Original								
	rev.	description	date	name					part no: SEE SHEET 1	