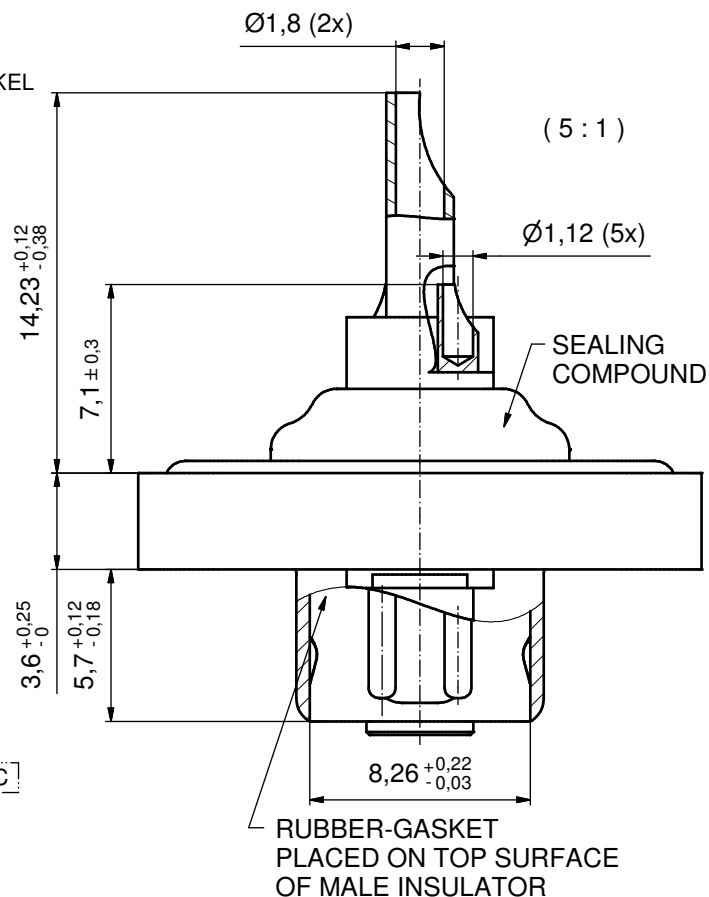
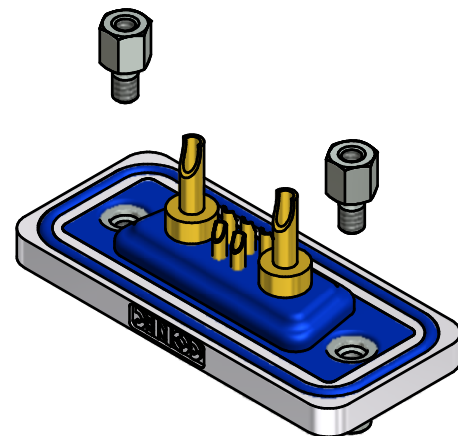
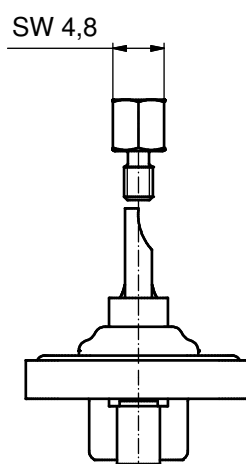
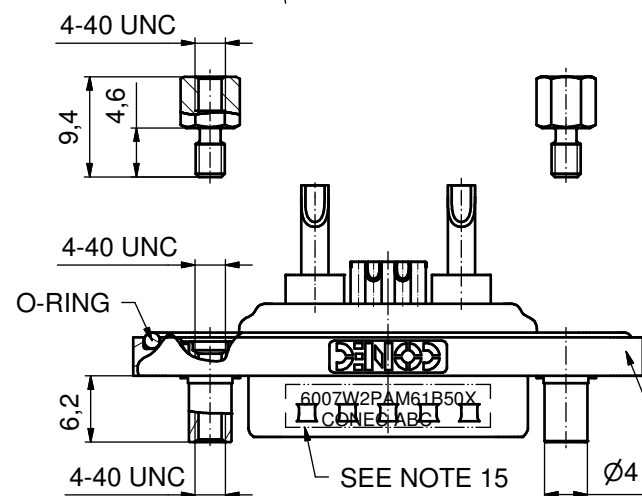
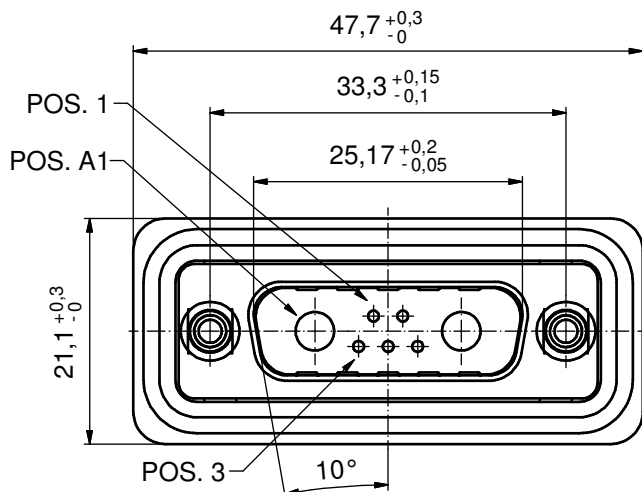


NOTES:

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, GREEN
4. SIGNAL CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 20
5. HIGH POWER CONTACTS 10A: COPPER ALLOY
PLATING, MATING AREA: GOLD FLASH over NICKEL
PLATING, TERMINATION SIDE: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 16-20
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: 6007W2PAM61B50X CONEC ABC



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



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)
					dim. in mm		material: SEE NOTES
					date	name	title:
					drawn 24.06.15	Henneboel	D-SUB COMBINATION MALE
				appd. 24.06.15	Lehmenkühler		7W2P SOLDER CUP
				norm			with threaded lock and hexlocking screw
				d-old			dwg no:
				a Original			15K1A1650
				rev. description	date	name	part no: 6007W2PAM61B50X
							DIN-A3
							sh: 1/2

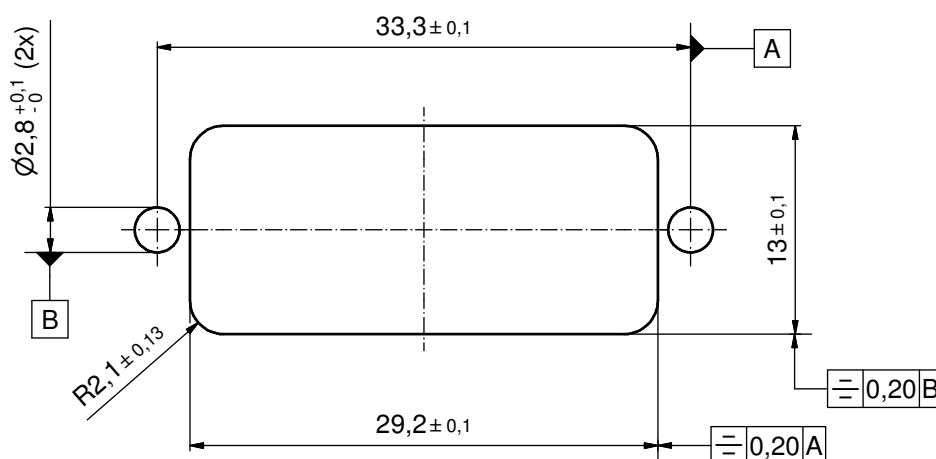
RoHS compliant

CONEC

Solder Instruction



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. Apply some solder to the solder tip of the soldering iron.
 - 4.3. Put tip to wire in solder cup.
 - 4.4. After 1 second bring in solder.
 - 4.5. 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.

RECOMMENDED PANEL CUT-OUT



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DO NOT ALTER CAD DRAWING BY HAND

				tolerance			scale: 3:1	
				dim. in mm			material: see sheet 1	
				date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB COM. MALE 7W2P SOLDER CUP with threaded lock and hexlocking screw		
				drawn 24.06.15	Henneboel			
				appd. 24.06.15	Lehmenkühler			
				norm				
				d-old				
						dwg no:		DIN-A3
a	Original					15K1A1650		sh: 2/2
rev.	description	date	name			part no: SEE SHEET 1		