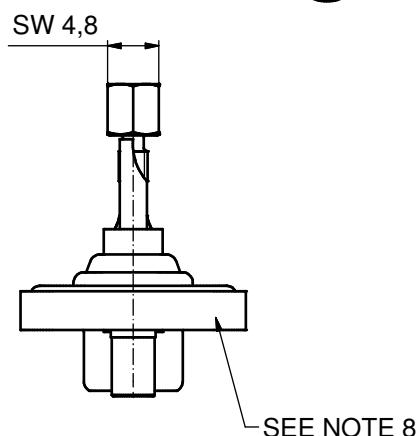
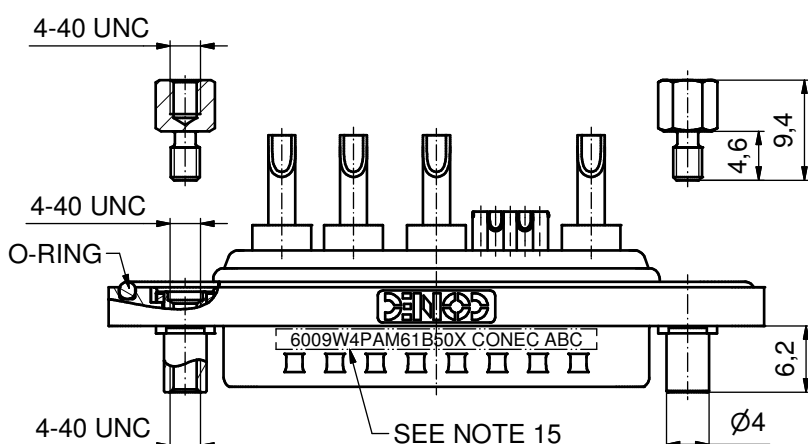
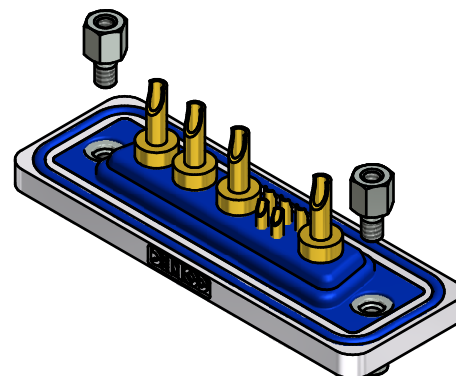
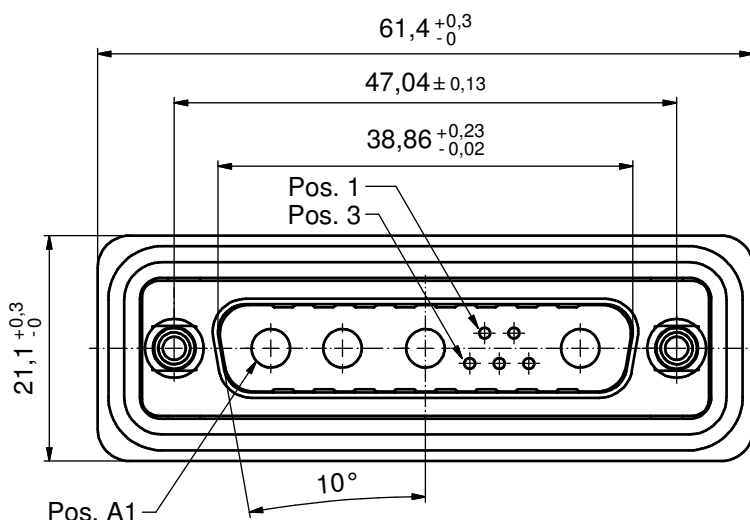
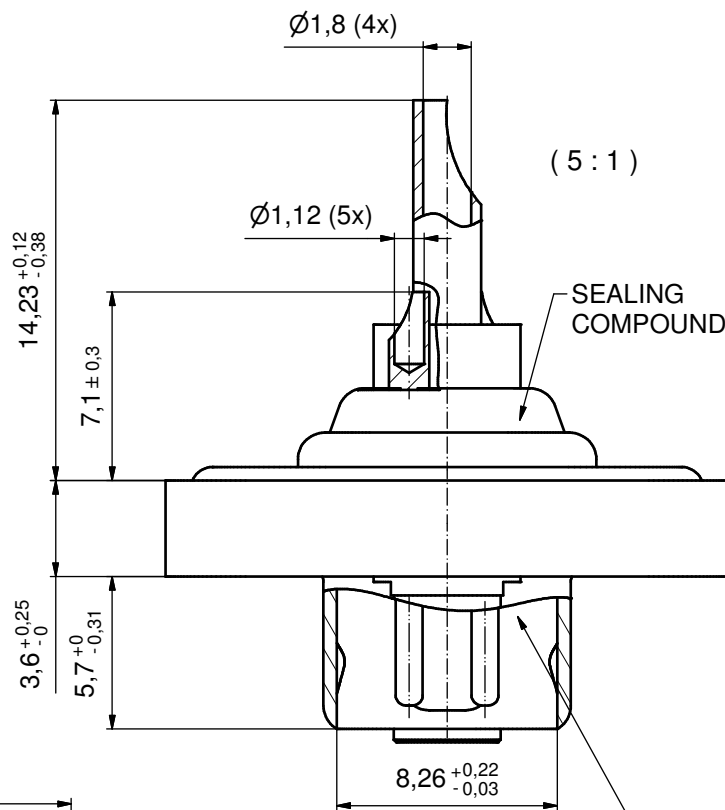




# NOTES:

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. FRAME: ZINC DIE CAST; NICKEL PLATED
9. O-RING: SILICON; BLUE
10. RUBBER GASKET: TPE; BLACK
11. HEXLOCKING SCREWS: STAINLESS STEEL
12. SEALING COMPOUND: PUR; BLUE
13. RECOMMENDED PANEL CUT-OUT ON SHEET 2
14. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3,1 in.LB) / max. 40Ncm (3,5 in.LB)
15. CONNECTOR IS PART MARKED: 6009W4PAM61B50X CONEC ABC



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

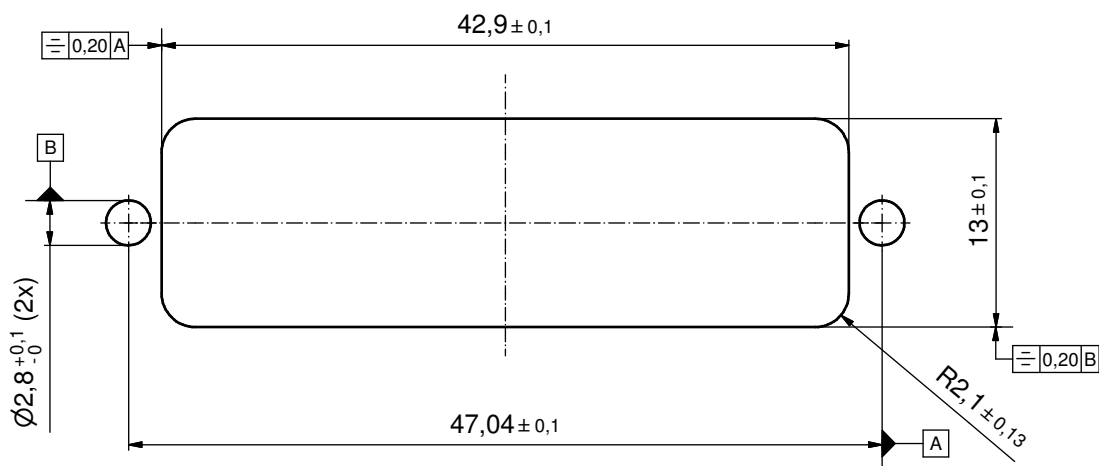
RoHS compliant



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:  D-SUB COMBINATION MALE 9W4P SOLDER CUP with threaded lock and hexlocking screw			
					drawn	05.02.15				Herneboel
					appd.	05.02.15				Lehmenkühler
					norm					
					d-old			dwg no:  15K1A1616		
								DIN-A3 sh: 1/2		
	a	Original								
	rev.	description	date	name				part no: 6009W4PAM61B50X		

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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					dim. in mm		material: see sheet 1		
					drawn	05.02.15	Henneboel	title: <b>RECOMMENDED PANEL CUT-OUT</b> D-SUB COMBINATION MALE 9W4P SOLDER CUP with threaded lock and hexlocking screw	
					appd.	05.02.15	Lehmenkühler		
					norm				
					d-old				
									dwg no:  15K1A1616
	a	Original						sh: 2/2	
	rev.	description	date	name				part no: SEE SHEET 1	