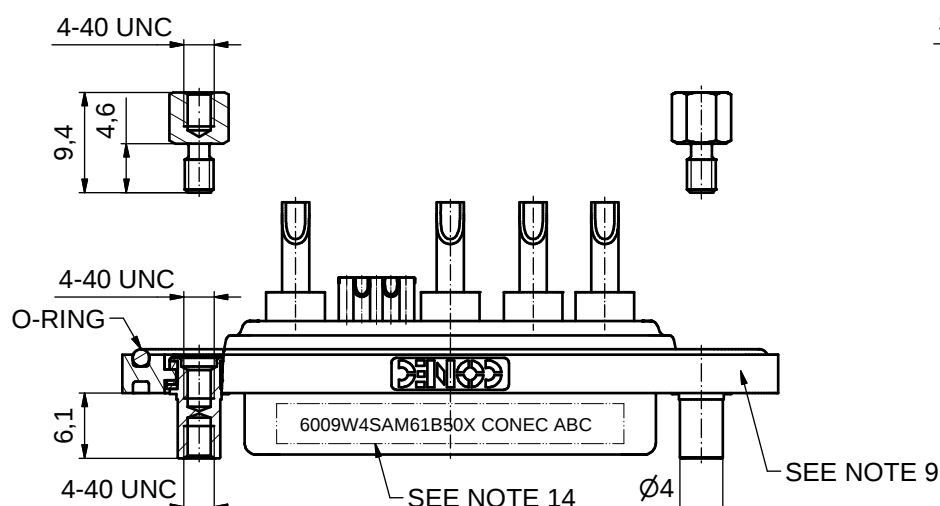
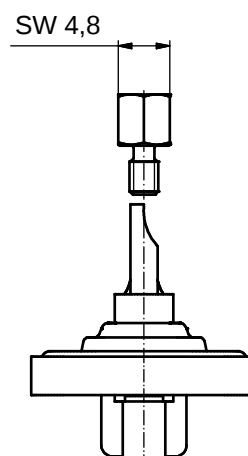
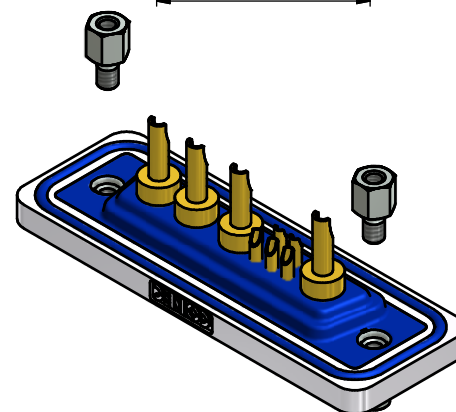
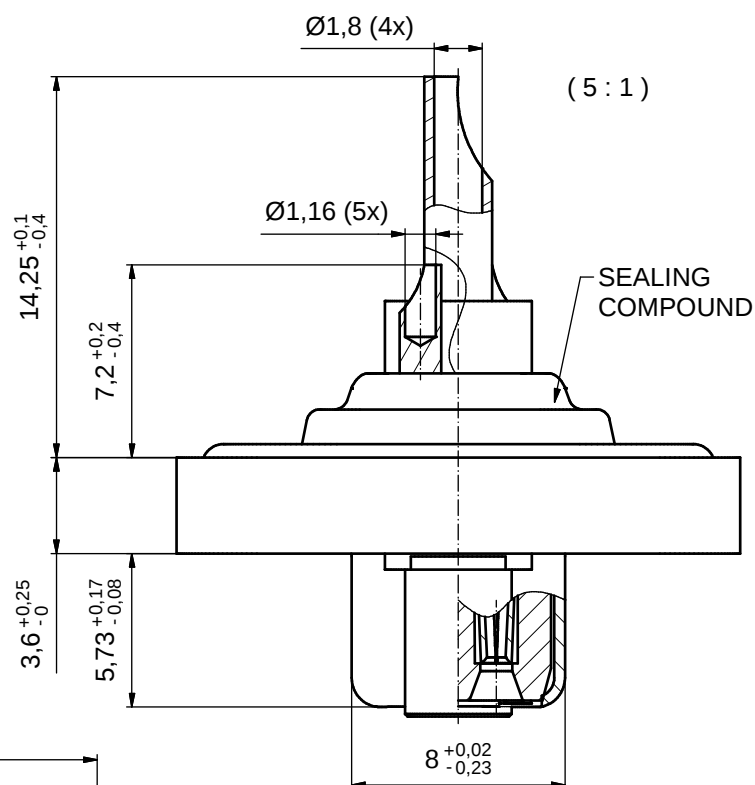


NOTES:

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 10A: COPPER ALLOY
PLATING, MATING SIDE: 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. SEALING COMPOUND: PUR; BLUE
9. FRAME: ZINC DIE CAST; NICKEL PLATED
10. O-RING: SILICON; BLUE
11. HEXLOCKING SCREWS: STAINLESS STEEL
12. RECOMMENDED PANEL CUT-OUT SEE SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm
(3.1 in.LB) / max.40Ncm (3.5 in.LB)
14. CONNECTOR IS PART MARKED: 6009W4SAM61B50X 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

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DO NOT ALTER CAD DRAWING BY HAND

a	Original		
rev.	description	date	name



tolerance



dim. in mm

scale:	2:1 (5:1)
material:	SEE NOTES

title:	D-SUB COMBINATION FEMALE 9W4S SOLDER CUP with threaded lock and hexlocking screw
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dwg no:	
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15K1A1849®

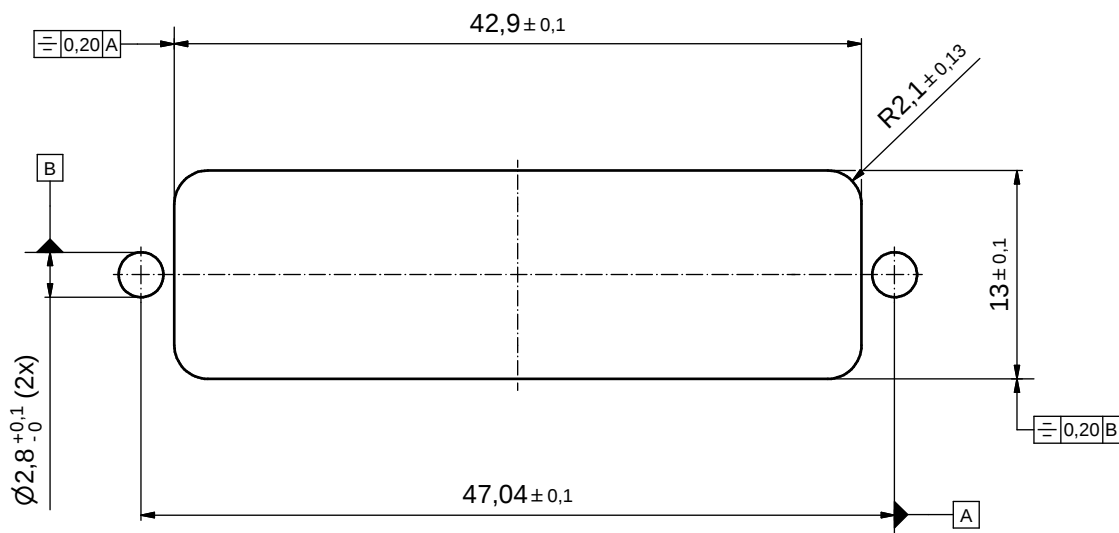
part no:	6009W4SAM61B50X
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DIN-
A3
sh: 1

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. Apply some solder to the solder tip of the soldering iron.
 - 3.3. Put tip to wire in solder cup.
 - 3.4. After 1 second bring in solder.
 - 3.5. 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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							material: SEE SHEET 1	
					date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB COM. FEMALE 9W4S SOLDER CUP with threaded lock and hexlocking screw	
					drawn 03.02.2016	Unkrüer		
					appd. 04.02.2016	Lehmenkühler		
					norm			
					d-old		dwg no: 15K1A1849	
	a	Original					DIN-A3	
	rev.	description	date	name			sh: 2	
							part no: SEE SHEET 1	

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