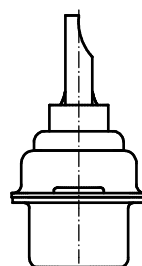
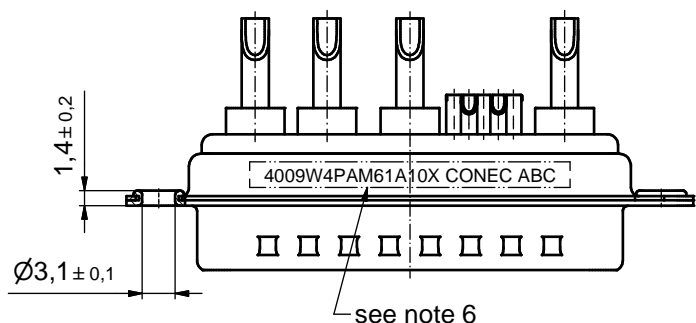
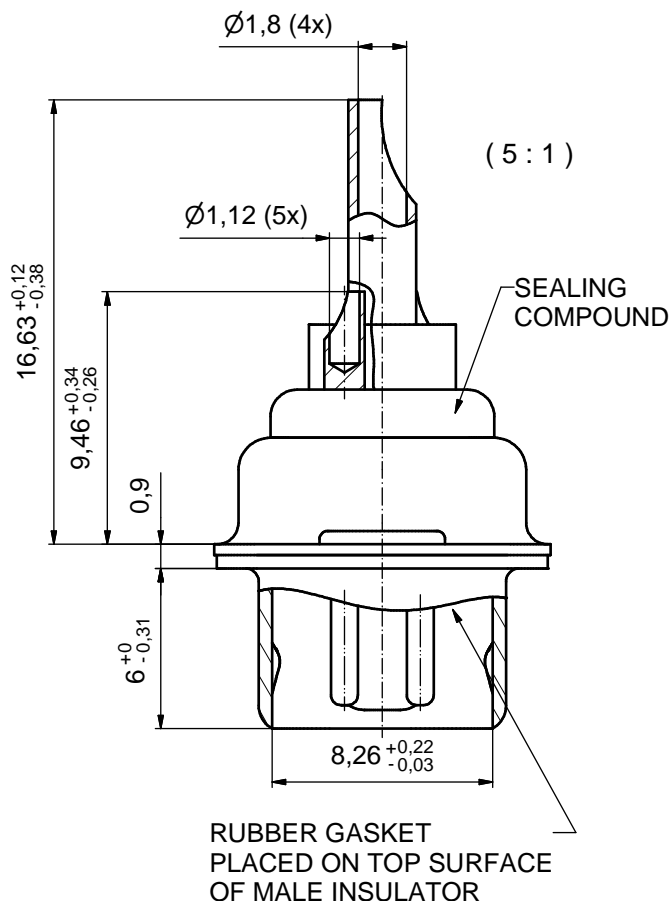
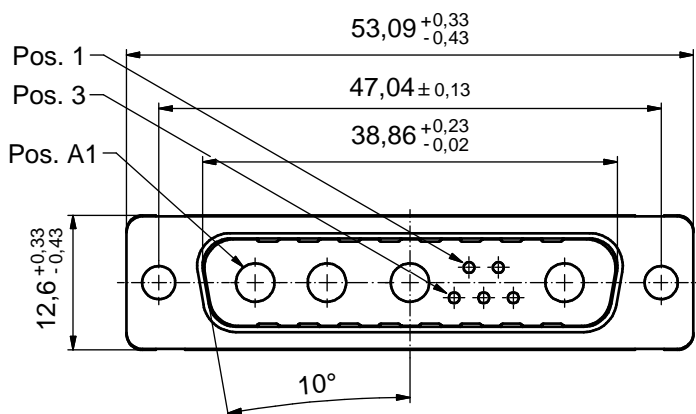


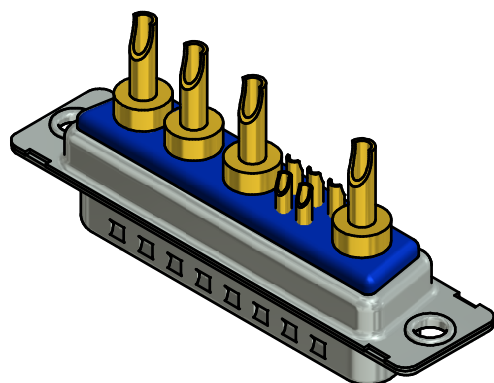
NOTES:

1. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: PBT GF UL 94 V-0; GREEN
3. SIGNAL CONTACTS: COPPER ALLOY; PLATING: GOLD FLASH over NICKEL
SOLDER CUP ACCEPTS CABLE AWG 20
4. 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
5. RUBBER GASKET: TPE; BLACK
6. CONNECTOR IS PART MARKED: 4009W4PAM61A10X CONEC ABC





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. 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.



Directive 2002/95/EC RoHS compliant

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|---|----------------------------------|--------|------|--|--|---------|---|---------------------|--|
| 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 for installation into water resistant hood | | |
| | | | | | drawn 23.02.11 | Schmidt | | | |
| | | | | | appd. 23.02.11 | Fischer | | | |
| | | | | | norm | | | | |
| | | | | | d-old | | dwg no: Inventor 10 15K1A799 sh: 1 | | |
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| | a | Origin | | |  | | part no: 4009W4PAM61A10X | | |
| rev. | description | date | name | | | | | | |

CONEC

DIN-A3
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