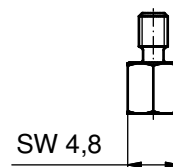
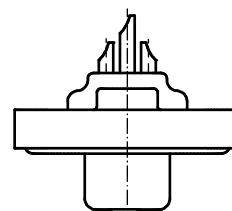
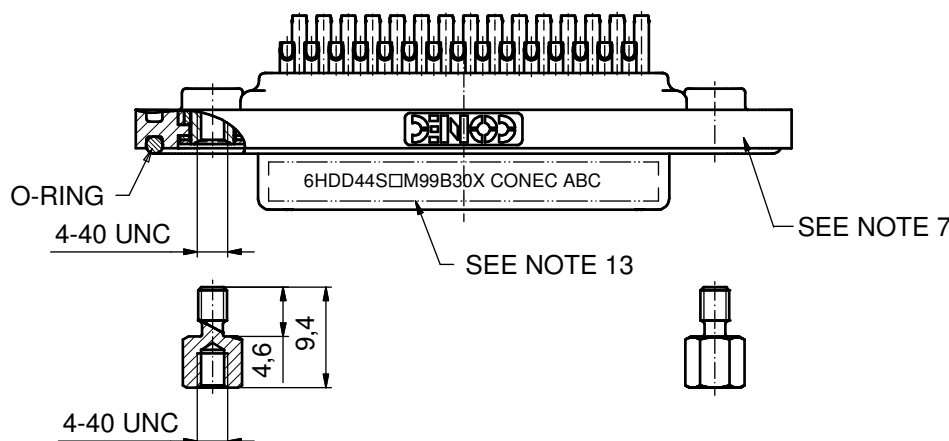
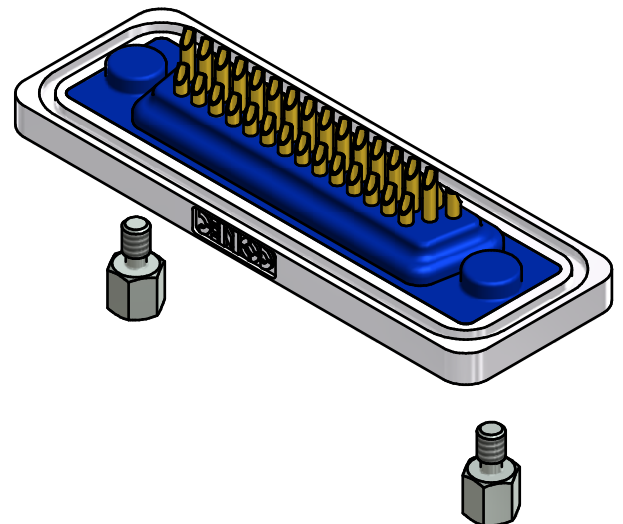
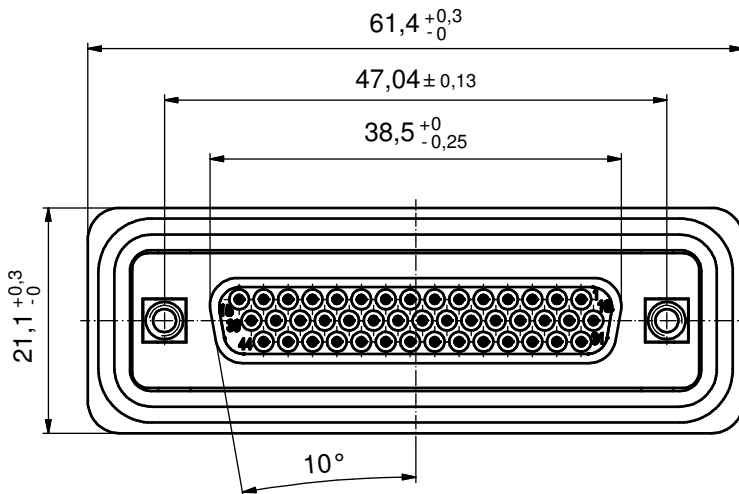
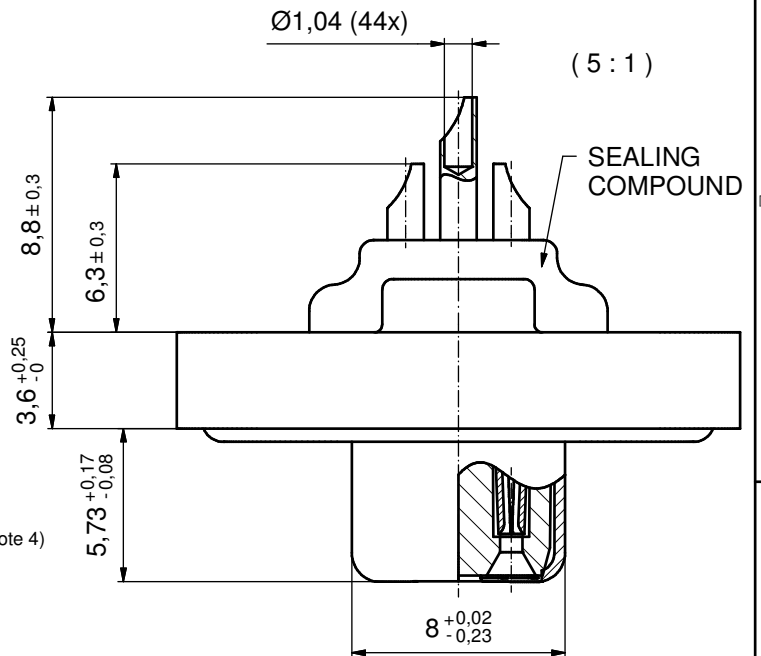


# NOTES:

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, BLACK
4. SIGNAL CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.)
  - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
  - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
 SOLDER CUP ACCEPTS CABLE AWG 22
5. THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
6. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. FRAME: ZINC DIE CAST; NICKEL PLATED
8. HEXLOCKING SCREW: STAINLESS STEEL
9. O-RING: SILICON; BLUE
10. SEALING COMPOUND: PUR; BLUE
11. RECOMMENDED PANEL CUT-OUT SEE SHEET 3
12. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max.40Ncm (3.5 in.LB)
13. CONNECTOR IS PART MARKED: 6HDD44SCM99B30X CONEC ABC (see note 4)

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



SW 4,8

Directive 2002/95/EC RoHS compliant

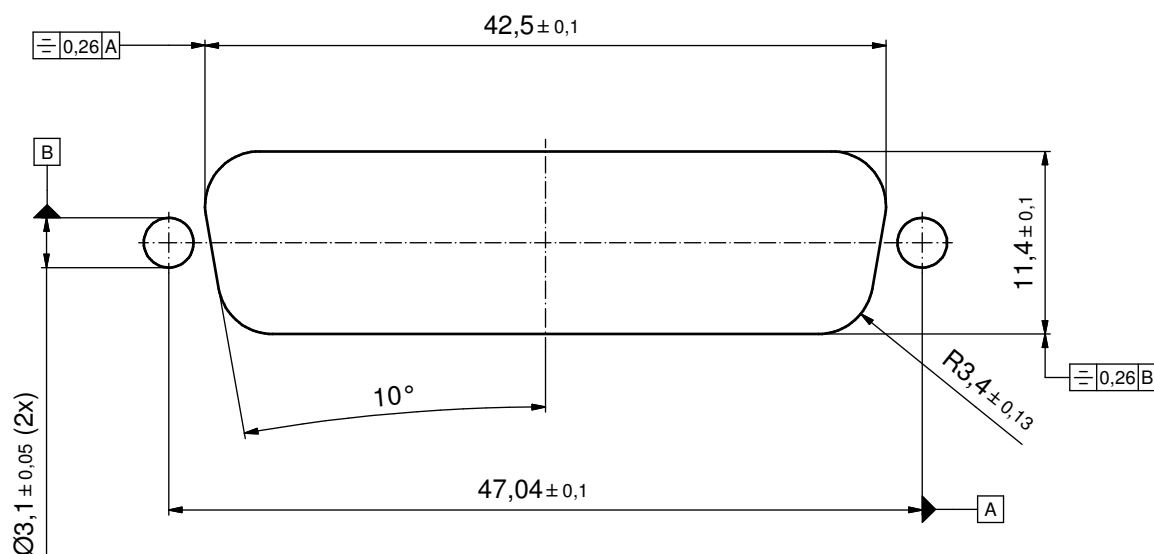
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     |                                                                                                 |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|------|--------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------|
| 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 |             |      |      | tolerance                                                                            |          | <br>dim. in mm | scale: 2:1 (5:1)                                                                                |                   |
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     | material: SEE NOTES                                                                             |                   |
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     | title:<br><br>D-SUB HD FEMALE<br>44pos. SOLDER CUP<br>with threaded insert and hexlocking screw |                   |
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     |                                                                                                 |                   |
| DO NOT ALTER CAD DRAWING BY HAND                                                                                                                                     |             |      |      | date                                                                                 |          | name                                                                                                |                                                                                                 |                   |
|                                                                                                                                                                      |             |      |      | drawn                                                                                | 24.10.12 | Henneboel                                                                                           |                                                                                                 |                   |
|                                                                                                                                                                      |             |      |      | appd.                                                                                | 30.10.12 | Fischer                                                                                             |                                                                                                 |                   |
|                                                                                                                                                                      |             |      |      | norm                                                                                 |          |                                                                                                     |                                                                                                 |                   |
|                                                                                                                                                                      |             |      |      | d-old                                                                                |          | dwg no:<br><br>15K1A1204                                                                            |                                                                                                 | DIN-A3<br>sh: 1/2 |
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     |                                                                                                 |                   |
| a Original                                                                                                                                                           |             |      |      |  |          | part no: 6HDD44S□M99B30X (see note 4)                                                               |                                                                                                 |                   |
|                                                                                                                                                                      |             |      |      |                                                                                      |          |                                                                                                     |                                                                                                 |                   |
| rev.                                                                                                                                                                 | description | date | name |                                                                                      |          |                                                                                                     |                                                                                                 |                   |

DIN-A3  
sh: 1/2

## Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Operate the soldering iron at 350 °C, 50 Watt max. and use a pencil tip.
4. Put tip to wire in solder cup.
5. After 1 second bring in solder.
6. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
7. Remove soldering iron.
8. Wait until solder gets rigid again.
9. 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:<br><br>PANEL CUT-OUT<br>D-SUB MALE HD 44pos. SOLDER CUP<br>with insert and hexlocking screw |         |  |
|                                                                                                                                                                         |                                  |             |      |      | drawn                                                                                | 24.10.12 | Henneboel                                                                                           |                                                                                                    |         |  |
|                                                                                                                                                                         |                                  |             |      |      | appd.                                                                                | 30.10.12 | Fischer                                                                                             |                                                                                                    |         |  |
|                                                                                                                                                                         |                                  |             |      |      | norm                                                                                 |          |                                                                                                     |                                                                                                    |         |  |
|                                                                                                                                                                         |                                  |             |      |      | d-old                                                                                |          |                                                                                                     |                                                                                                    |         |  |
|                                                                                                                                                                         |                                  |             |      |      |  |          | dwg no:                                                                                             |                                                                                                    | DIN-A3  |  |
|                                                                                                                                                                         | a                                | Original    |      |      |                                                                                      |          | 15K1A1204                                                                                           |                                                                                                    | sh: 2/2 |  |
|                                                                                                                                                                         | rev.                             | description | date | name |                                                                                      |          | part no: SEE SHEET 1                                                                                |                                                                                                    |         |  |