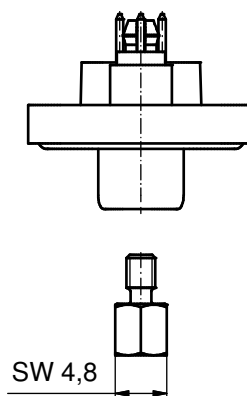
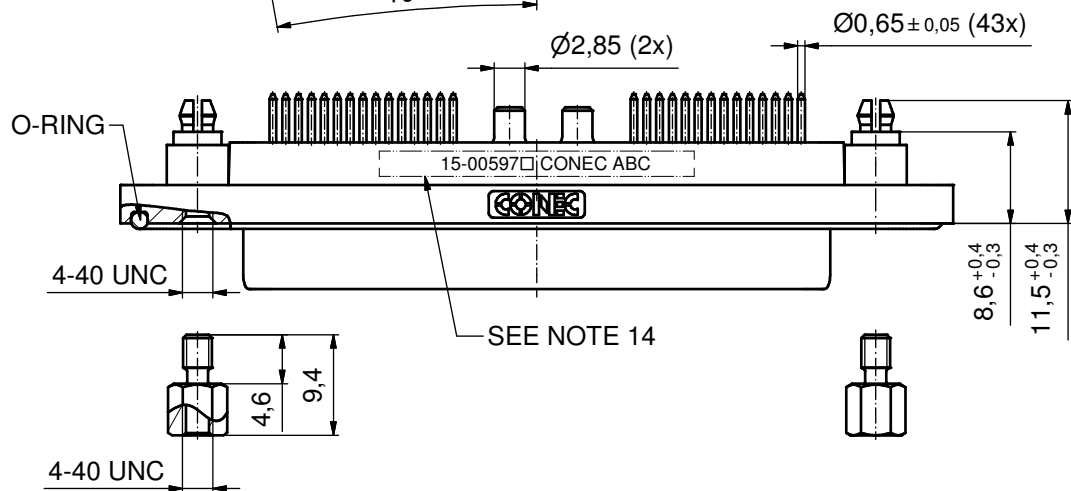
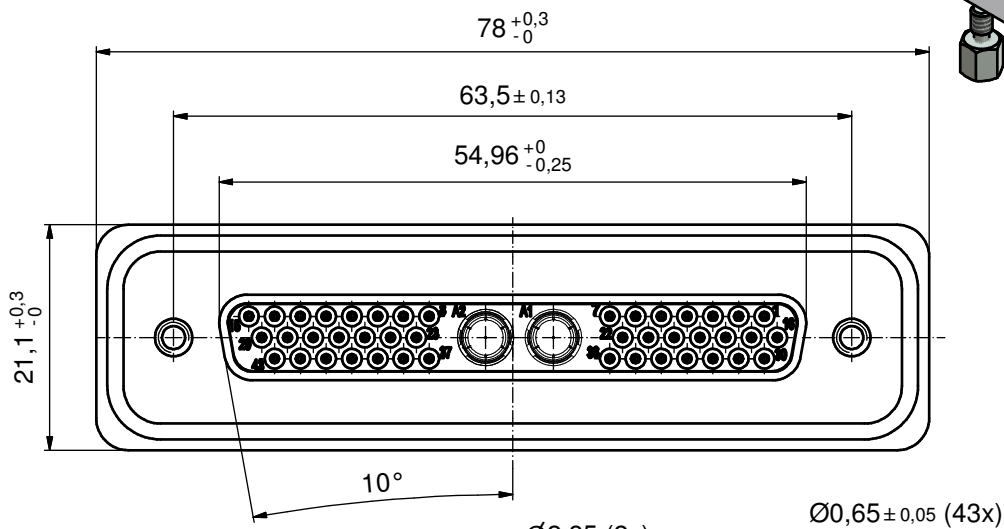
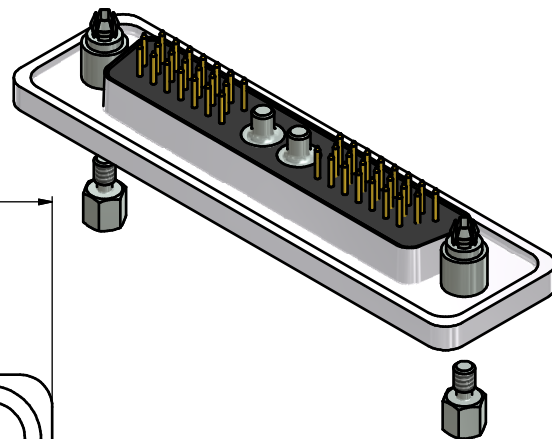
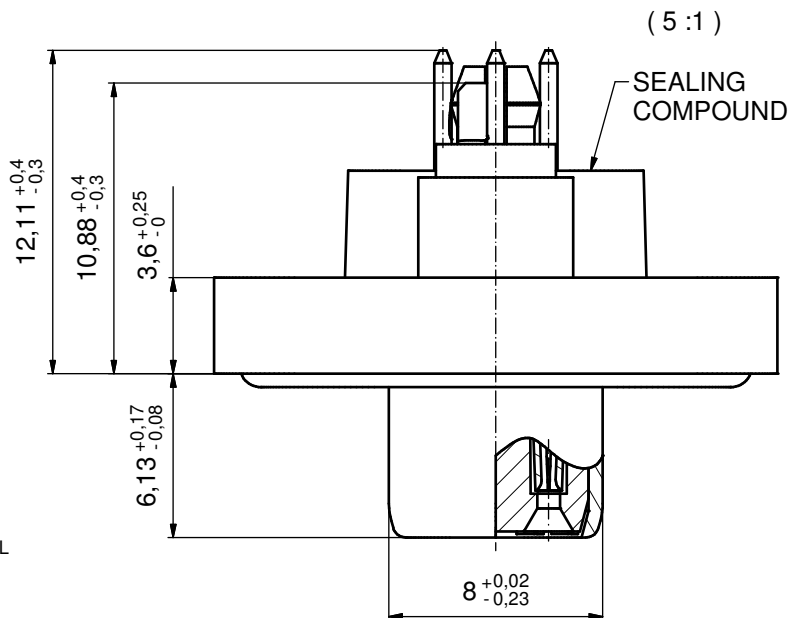


# NOTES:

1. FOR WAVE SOLDERING (SOLDER BATH TEMPERATURE 265°C FOR 8 SEC. AND SOLDER PREHEAT 150°C FOR 180 SEC.)
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI FOR 30 MINUTES AFTER HIGH TEMPERATURE EXPOSURE
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATORS: PBT GF UL 94 V-0, GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A+
7. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
8. SIGNAL CONTACTS: COPPER ALLOY PLATING (SEE PART NO): 30µin HARD GOLD over min. 50µin NICKEL if 1□ in PART NO. GOLD FLASH over NICKEL if 3□ in PART NO.
9. HIGH POWER CONTACTS 20A: COPPER ALLOY; PLATING, MATING SIDE (SEE PART NO):  
□ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL  
□ PLEASE ADD 3 for GOLD FLASH over NICKEL  
PLATING, TERMINATION SIDE: 160-240µin over 80µin NICKEL
10. REAR SPACER CLIPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE: Ø3,1±0,1; PCB THICKNESS 1,6mm
11. HEXLOCKING SCREWS: STAINLESS STEEL
12. PCB-HOLE DRILLINGS and RECOMMENDED PANEL CUT-OUT ON SHEET 2
13. RECOMMENDED TORQUE FOR MOUNTING SCREW 35Ncm (3.1 in.LB) / max.67Ncm (6 in.LB)
14. CONNECTOR IS PART MARKED: 15-00597□ CONEC ABC (see note 9)

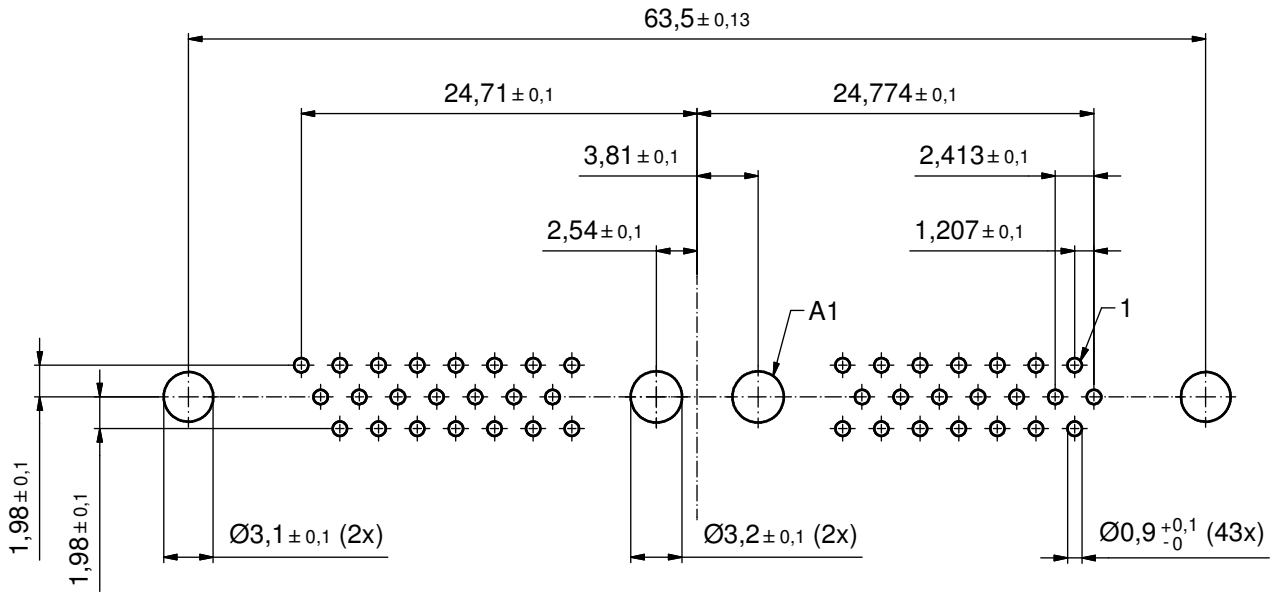


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

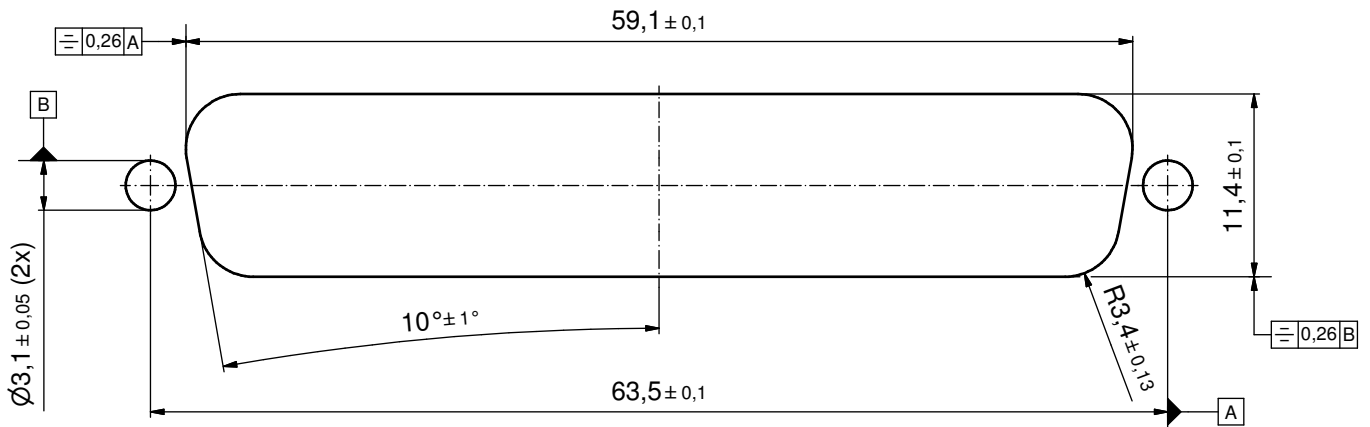
Directive 2002/95/EC RoHS compliant

|                                                                                                                                                                      |      |             |          |      |                                                                                      |          |                                                                                                     |                                 |                                                                                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|----------|------|--------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------|--|
| 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             |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      |                                                                                      | date     | name                                                                                                |                                 | title:<br>D-SUB HD COMBINATION FEMALE<br>45W2S SOLDER PIN STRAIGHT<br>with rear spacer clip and hexlocking screw |  |
|                                                                                                                                                                      |      |             |          |      | drawn                                                                                | 13.01.14 | Henneboel                                                                                           |                                 |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      | appd.                                                                                | 17.01.14 | Schmidt                                                                                             |                                 |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      | norm                                                                                 |          |                                                                                                     |                                 |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      | d-old                                                                                |          |                                                                                                     |                                 | dwg no:<br><br>15K1A1412                                                                                         |  |
|                                                                                                                                                                      |      |             |          |      |  |          |                                                                                                     |                                 |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      |                                                                                      |          |                                                                                                     |                                 |                                                                                                                  |  |
|                                                                                                                                                                      |      | a           | Original |      |                                                                                      |          |                                                                                                     |                                 | DIN-A3                                                                                                           |  |
|                                                                                                                                                                      | rev. | description | date     | name |                                                                                      |          |                                                                                                     | sh: 1/2                         |                                                                                                                  |  |
|                                                                                                                                                                      |      |             |          |      |                                                                                      |          |                                                                                                     | part no: 15-00597□ (see note 9) |                                                                                                                  |  |

P.C.B. HOLE DRILLINGS  
(P.C.B. TOP SIDE)



RECOMMENDED PANEL CUT-OUT



|                                                                                                                                                                      |      |             |      |      |                                                                                      |           |                                                                                                     |                       |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|------|------|--------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------|-----------------------|-------------------|--|
| 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: 3:1            |                   |  |
|                                                                                                                                                                      |      |             |      |      |                                                                                      |           |                                                                                                     | material: SEE SHEET 1 |                   |  |
|                                                                                                                                                                      |      |             |      |      | date                                                                                 | name      | title:<br>P.C.B. HOLE DRILLINGS<br>RECOMMENDED PANEL CUT OUT<br>D-SUB HD COMBINATION FEMALE 45W2S   |                       |                   |  |
|                                                                                                                                                                      |      |             |      |      | drawn 13.01.14                                                                       | Henneboel |                                                                                                     |                       |                   |  |
|                                                                                                                                                                      |      |             |      |      | appd. 17.01.14                                                                       | Schmidt   |                                                                                                     |                       |                   |  |
|                                                                                                                                                                      |      |             |      |      | norm                                                                                 |           |                                                                                                     |                       |                   |  |
|                                                                                                                                                                      |      |             |      |      | d-old                                                                                |           | dwg no:                                                                                             |                       | DIN-A3<br>sh: 2/2 |  |
|                                                                                                                                                                      |      |             |      |      |  |           |                                                                                                     |                       |                   |  |
|                                                                                                                                                                      | a    | Original    |      |      |                                                                                      |           |                                                                                                     |                       | 15K1A1412         |  |
|                                                                                                                                                                      | rev. | description | date | name |                                                                                      |           | part no: SEE SHEET 1                                                                                |                       |                   |  |