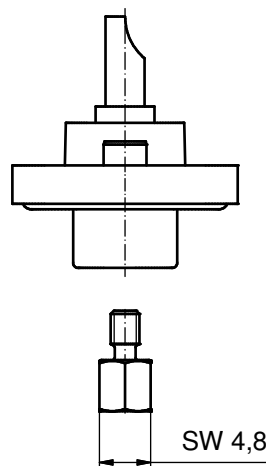
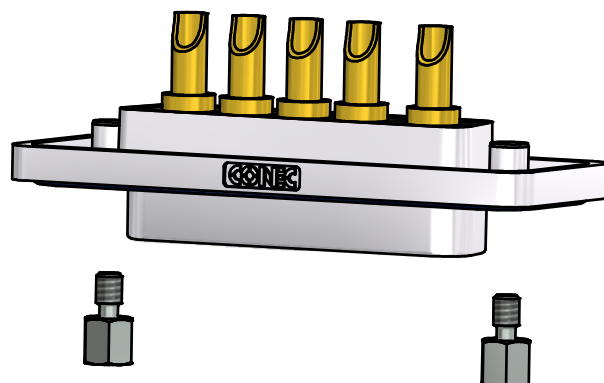
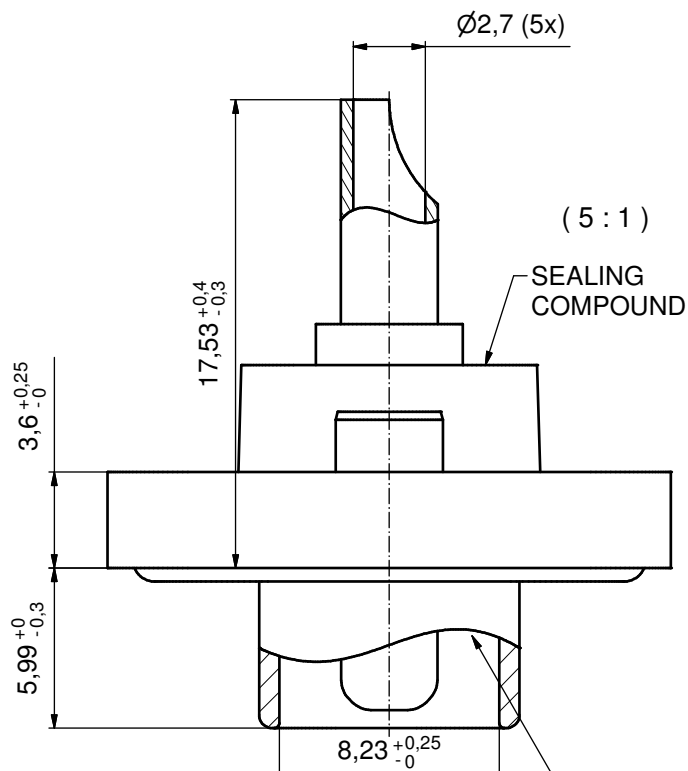
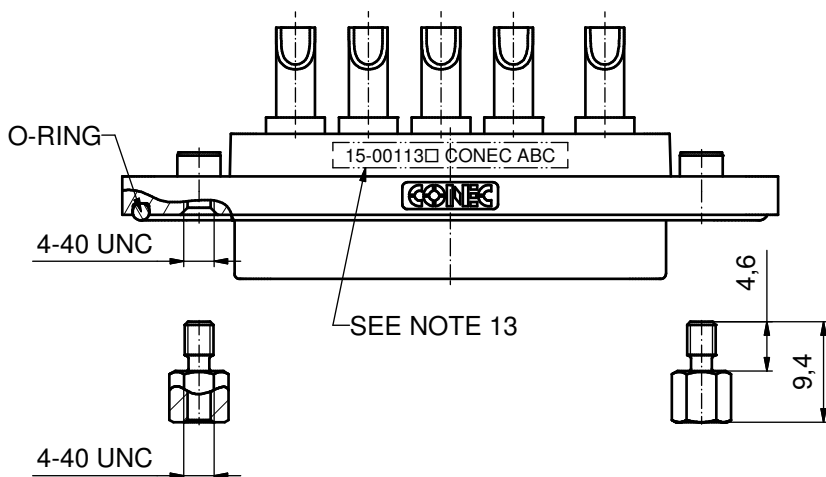
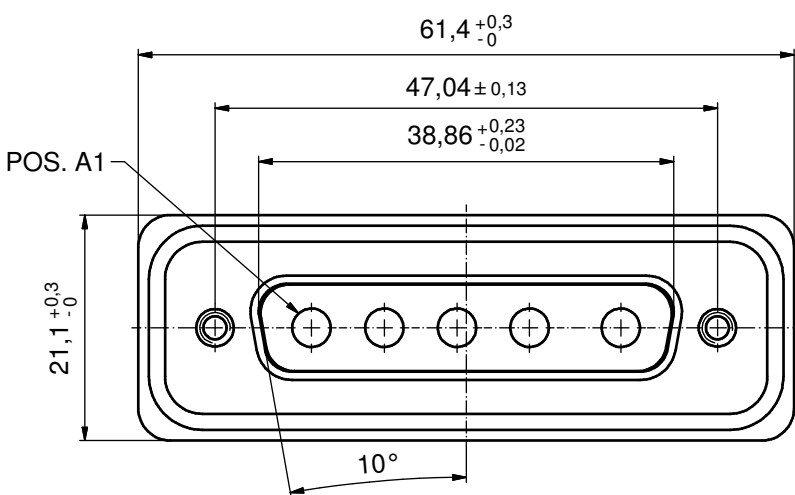


# NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. IP RATING: IP 67
3. SEALED TO WITHSTAND PRESSURE UP TO 1,45 PSI  
FOR 30 MINUTES AFTER SOLDERING
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATOR: PBT GF UL 94 V-0, GREEN
6. O-RING: SILICONE PER ASTM D2000 70 SHORE A
7. RUBBER GASKET: TPE; BLACK
8. SEALING COMPOUND: EPOXY RESIN UL 94 V-0; BLACK
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: GOLD FLASH over NICKEL  
SOLDER CUP ACCEPTS CABLE AWG 12-14
10. HEXLOCKING SCREWS: STAINLESS STEEL
11. RECOMMENDED PANEL CUT-OUT ON SHEET 2
12. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3.1 in.LB) / max.67Ncm (6 in.LB)
13. CONNECTOR IS PART MARKED: 15-00113 CONEC ABC (see note 9)



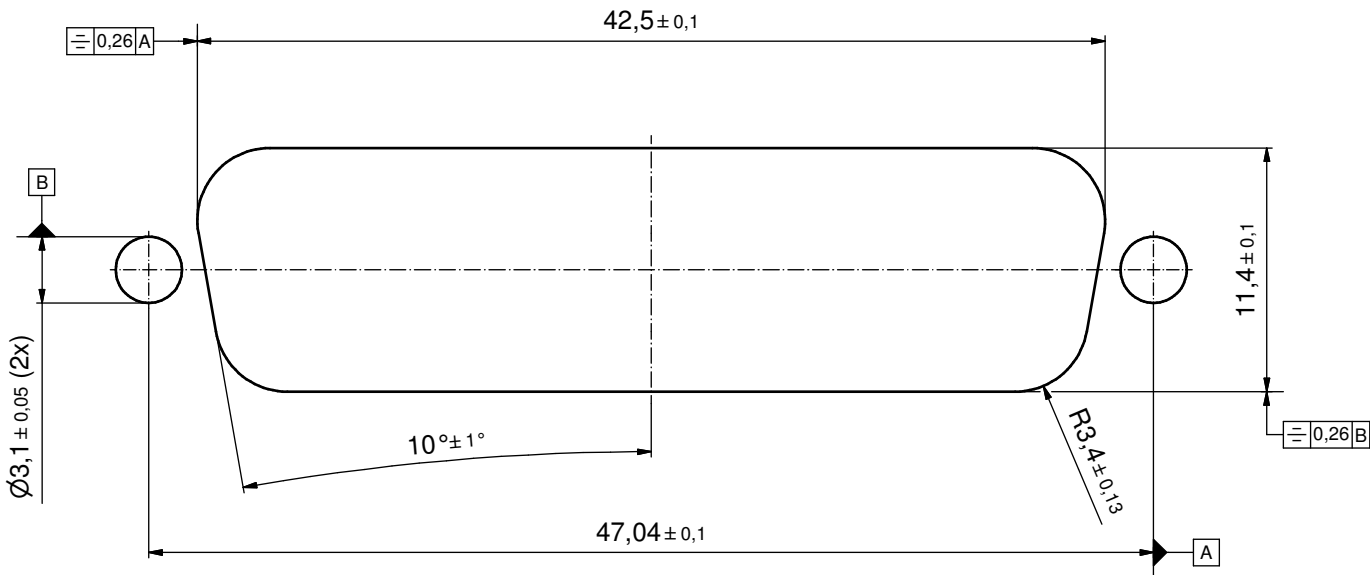
RoHS compliant

|                                                                                                                                                                      |                                  |             |      |      |                                                                                      |                       |                                                                                                     |                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|------|------|--------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|---------------------|--|
| 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                                                                            |                       | <br>dim. in mm | scale: 2:1 (5:1)    |  |
|                                                                                                                                                                      |                                  |             |      |      |                                                                                      |                       |                                                                                                     | material: see notes |  |
|                                                                                                                                                                      |                                  |             |      |      | date                                                                                 | name                  | title:<br>D-SUB COMBINATION MALE<br>5W5P SOLDER CUP<br>with hexlocking screw                        |                     |  |
|                                                                                                                                                                      |                                  |             |      |      | drawn                                                                                | 22.12.14 Henneboel    |                                                                                                     |                     |  |
|                                                                                                                                                                      |                                  |             |      |      | appd.                                                                                | 22.12.14 Lehmenkühler |                                                                                                     |                     |  |
|                                                                                                                                                                      |                                  |             |      |      | norm                                                                                 |                       | dwg no: 15K1A1597<br><br>DIN-A3<br>sh: 1                                                            |                     |  |
|                                                                                                                                                                      |                                  |             |      |      | d-old                                                                                |                       |                                                                                                     |                     |  |
|                                                                                                                                                                      |                                  |             |      |      |  |                       | part no: 15-00113 (see note 9)                                                                      |                     |  |
|                                                                                                                                                                      | a                                | Original    |      |      |                                                                                      |                       |                                                                                                     |                     |  |
|                                                                                                                                                                      | rev.                             | description | date | name |                                                                                      |                       |                                                                                                     |                     |  |

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, 100 Watt max. and use a pencil tip.
- 4. Apply some solder to the solder tip of the soldering iron.
- 5. Put tip to wire in solder cup.
- 6. After 1 second bring in solder.
- 7. Heat for 5 seconds longer. Do not heat contact more than 6 seconds in total.
- 8. Remove soldering iron.
- 9. Wait until solder gets rigid again.
- 10. 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 COMBINATION MALE 5W5P<br>Solder cup; with hexlocking screw |  |
|                                                                                                                                                                         |             |      |      |                                                                                      |  |         |                                                                                                     | drawn 22.12.14 | Henneboel             |                                                                                                 |  |
|                                                                                                                                                                         |             |      |      |                                                                                      |  |         |                                                                                                     | appd. 22.12.14 | Lehmenkühler          |                                                                                                 |  |
|                                                                                                                                                                         |             |      |      |                                                                                      |  |         |                                                                                                     | norm           |                       |                                                                                                 |  |
|                                                                                                                                                                         |             |      |      | d-old                                                                                |  | dwg no: |                                                                                                     | DIN-A3         |                       |                                                                                                 |  |
| DO NOT ALTER CAD DRAWING BY HAND                                                                                                                                        |             |      |      |  |  |         | 15K1A1597                                                                                           |                | sh: 2/2               |                                                                                                 |  |
| a                                                                                                                                                                       | Original    |      |      |                                                                                      |  |         |                                                                                                     |                |                       |                                                                                                 |  |
| rev.                                                                                                                                                                    | description | date | name |                                                                                      |  |         | part no:                                                                                            |                | SEE SHEET 1           |                                                                                                 |  |