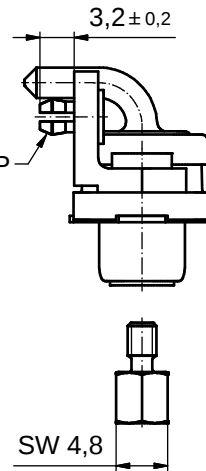
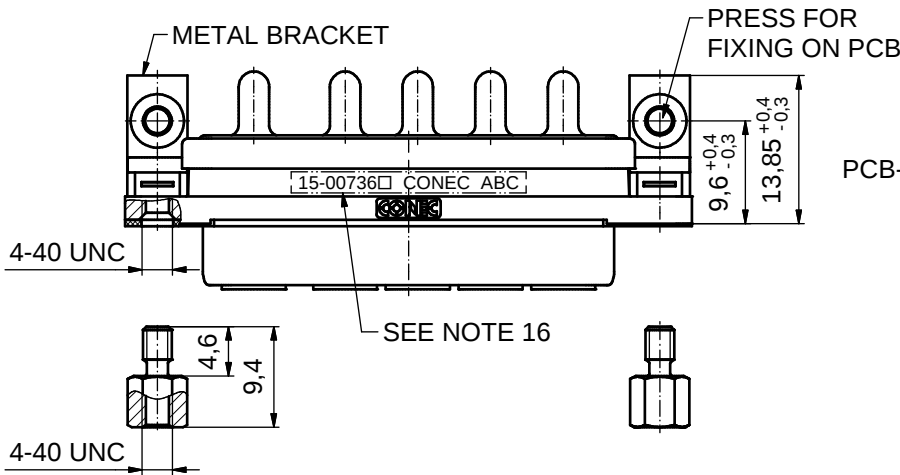
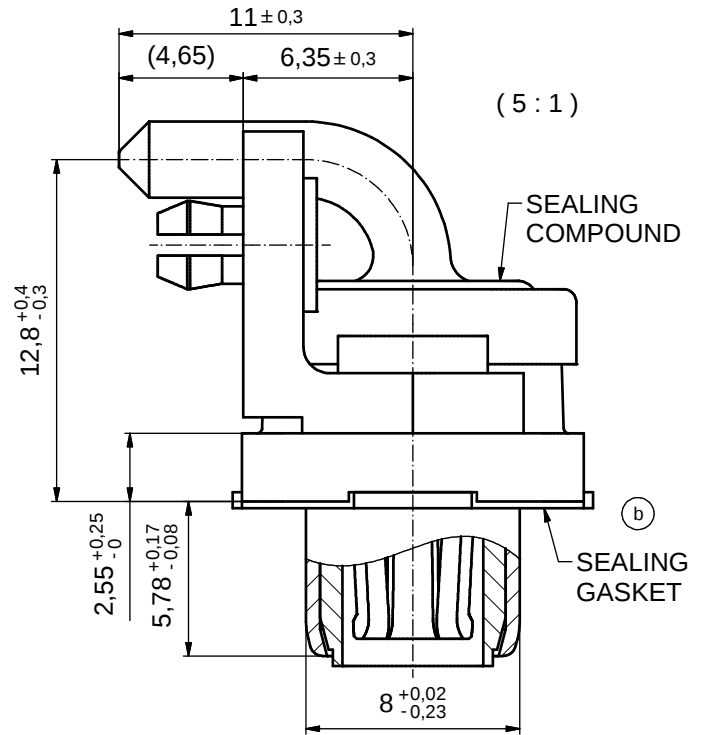
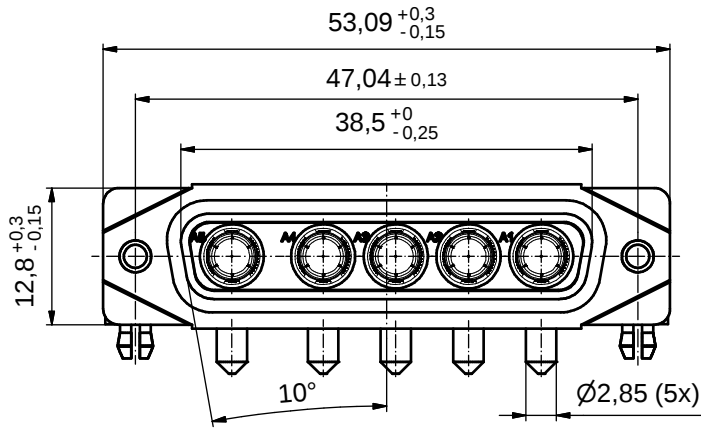
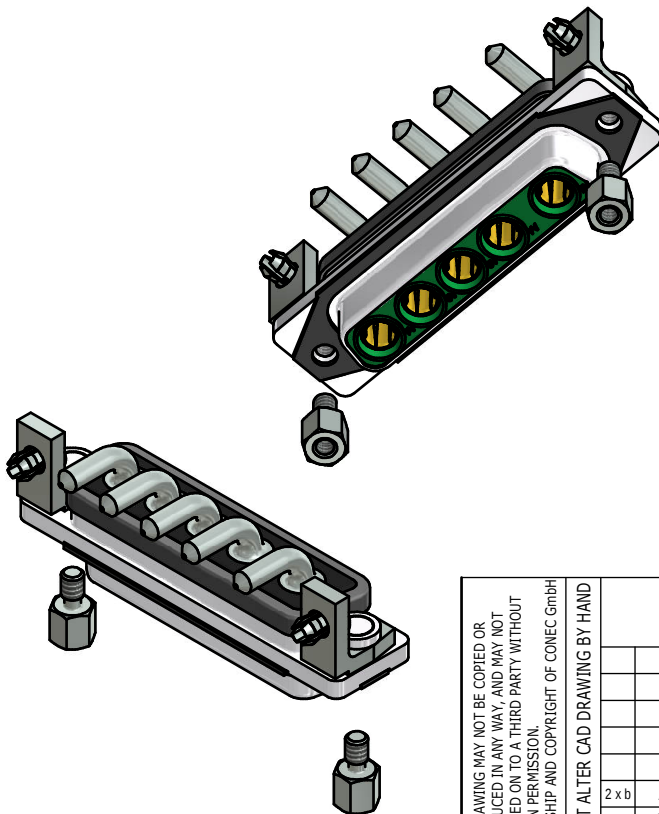


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.



**NOTES:**

1. FOR WAVESOLDERING (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 SOLDERING
4. METAL SHELL: ZINC DIE CAST; min. 50µin NICKEL PLATING over COPPER
5. INSULATOR: PBT GF UL 94 V-0
6. EXTENSION: HIGH TEMPERATURE PLASTIC UL 94-V0
7. SEALING GASKET: SILICONE
8. SEALING COMPOUND: EPOXY
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
10. METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
11. WASHERS: COPPER ALLOY; 80µin NICKEL
12. PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE: Ø3.1 ± 0.1; PCB THICKNESS 1.6mm
13. HEXLOCKING SCREWS: STAINLESS STEEL
14. P.C.B. HOLE DRILLINGS and RECOMMENDED PANEL CUT-OUT ON SHEET 2
15. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3.1 in.LB) / max. 67Ncm (6 in.LB)
16. CONNECTOR IS PART MARKED: 15-00736 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 FEMALE 90°<br>5W5S SOLDER PIN ANGLED<br>with closed 4-40 UNC thread, metal bracket, snap |  |
|                                                                                                                                                                      |             |            |         |                                                                                      |  |         |                                                                                                     | drawn 18.09.2015    | Lehmenkühler |                                                                                                                      |  |
|                                                                                                                                                                      |             |            |         |                                                                                      |  |         |                                                                                                     | appd. 21.09.2015    | Fischer      |                                                                                                                      |  |
|                                                                                                                                                                      |             |            |         | norm                                                                                 |  | dwg no: |                                                                                                     | DIN-A3<br>sh: 1     |              |                                                                                                                      |  |
|                                                                                                                                                                      |             |            |         | d-old                                                                                |  |         |                                                                                                     |                     |              |                                                                                                                      |  |
|                                                                                                                                                                      |             |            |         |                                                                                      |  |         |                                                                                                     |                     |              |                                                                                                                      |  |
| 2 x b                                                                                                                                                                | Ä6417       | 31.03.2017 | Unkrüer |  |  |         | 15K1A1696                                                                                           |                     |              |                                                                                                                      |  |
| a                                                                                                                                                                    | Original    |            |         |                                                                                      |  |         | part no: 15-00736 (see note 9)                                                                      |                     |              |                                                                                                                      |  |
| rev.                                                                                                                                                                 | description | date       | name    |                                                                                      |  |         |                                                                                                     |                     |              |                                                                                                                      |  |