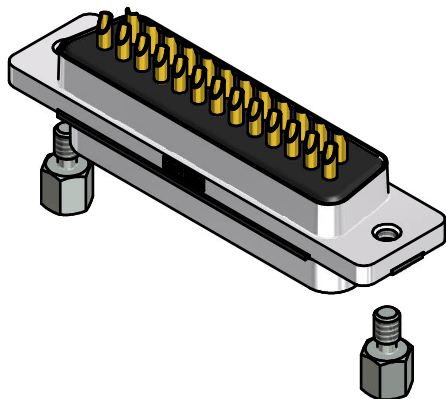
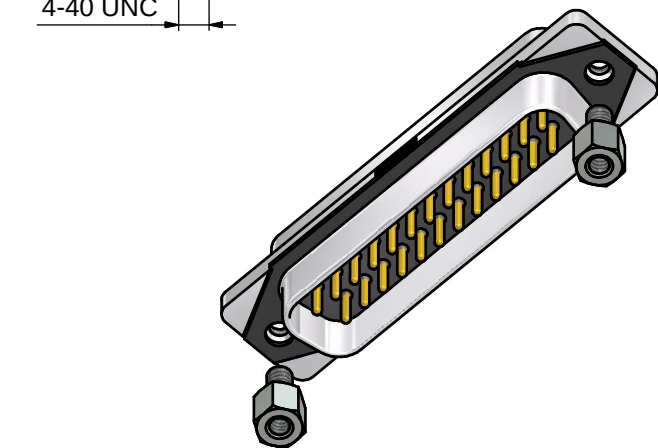
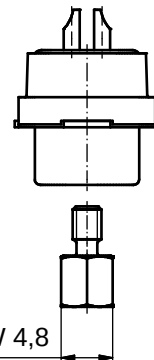
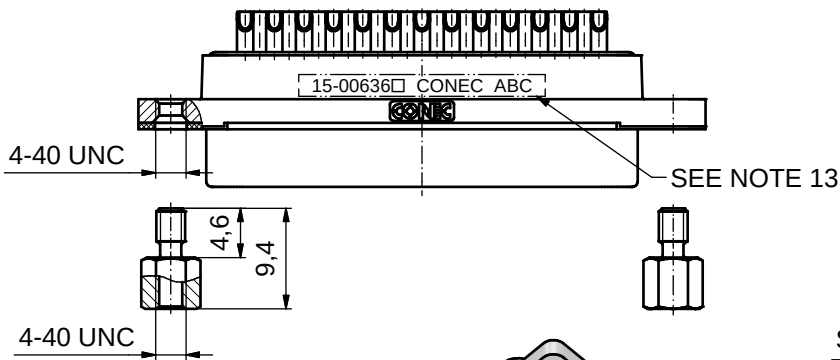
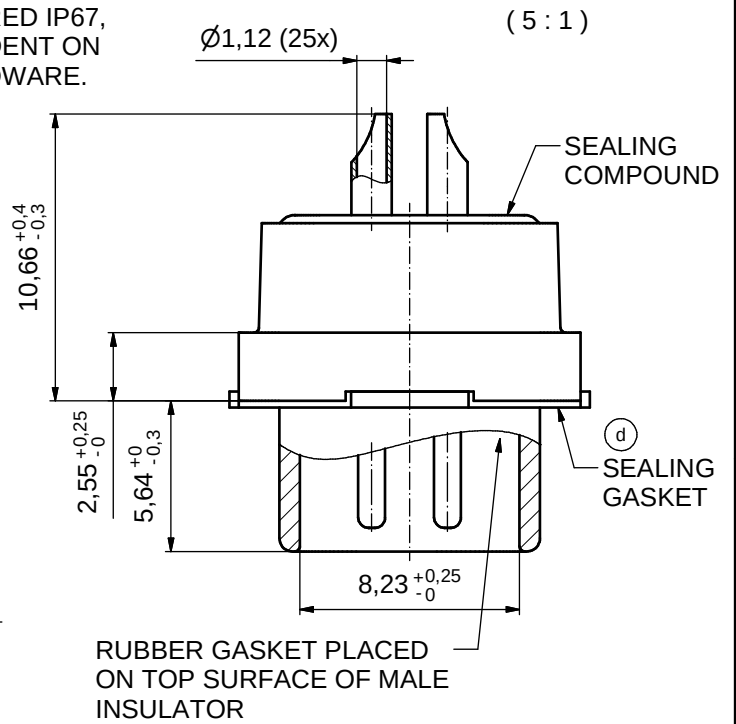
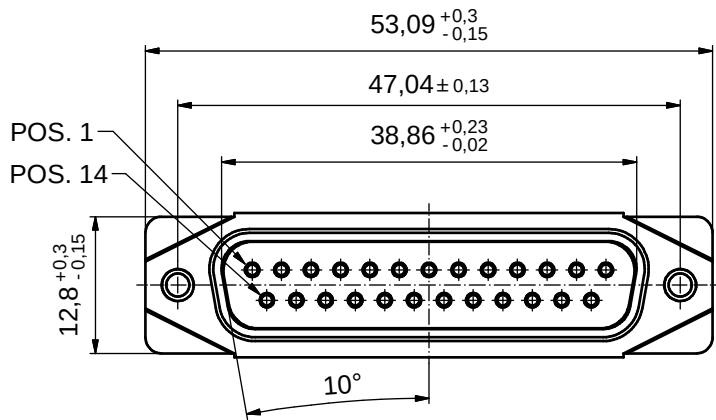


CUSTOMER IS RESPONSIBLE FOR SEALING THE MOUNTING HOLES.  
THE OTHER PARTS OF THE CONNECTOR ARE CONSIDERED IP67,  
BUT THE OVERALL SEALING EFFECTIVENESS IS DEPENDENT ON  
THE CUSTOMER SEALING THE MOUNTING HOLES / HARDWARE.



(d) 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. INSULATORS: PBT GF UL 94 V-0
6. SEALING GASKET: SILICONE
7. RUBBER GASKET: TPE
8. SEALING COMPOUND: EPOXY
9. CONTACTS: COPPER ALLOY; PLATING (SEE PART-NO.):  
□ PLEASE ADD 1 for 30µin HARD GOLD over min. 50µin NICKEL  
□ PLEASE ADD 3 for GOLD FLASH over NICKEL  
SOLDER CUP ACCEPTS CABLE AWG 20
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: 15-00636 CONEC ABC (see note 9)

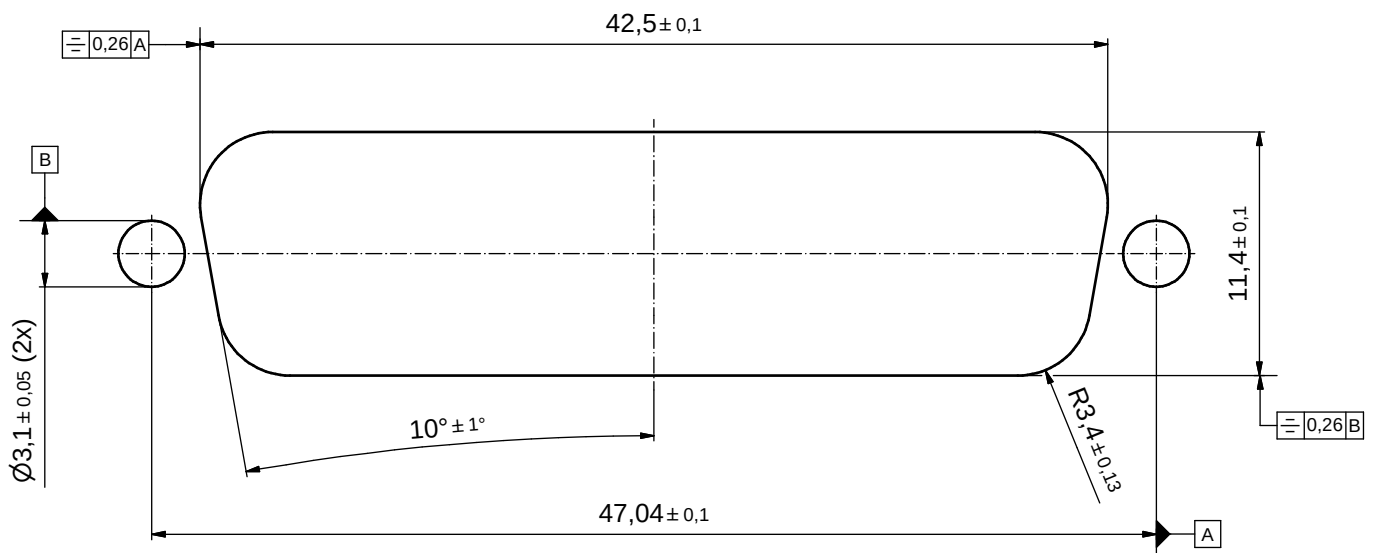
|                                                                                                                                                                         |       |             |          |           |                                                                                      |                                                                                                     |                                                                            |  |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|----------|-----------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|-----------------|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION.<br>OWNERSHIP AND COPYRIGHT OF CONEC GmbH |       |             |          | tolerance |                                                                                      | <br>dim. in mm | scale: 2:1 (5:1)                                                           |  |                 |
|                                                                                                                                                                         |       |             |          |           |                                                                                      |                                                                                                     | material: SEE NOTES                                                        |  |                 |
|                                                                                                                                                                         |       |             |          |           | date                                                                                 | name                                                                                                | title:<br><br>D-SUB MALE<br>25pos. SOLDER CUP<br>with open 4-40 UNC thread |  |                 |
|                                                                                                                                                                         |       |             |          |           | drawn 23.09.14                                                                       | Lehmenkühler                                                                                        |                                                                            |  |                 |
|                                                                                                                                                                         |       |             |          |           | appd. 26.01.15                                                                       | Fischer                                                                                             |                                                                            |  |                 |
|                                                                                                                                                                         | 2 x d | Ä6417       | 11.05.17 | Lehm.     | norm                                                                                 |                                                                                                     |                                                                            |  |                 |
|                                                                                                                                                                         | 1 x c | Ä5827       | 25.09.15 | Unkrüer   | d-old                                                                                |                                                                                                     |                                                                            |  |                 |
|                                                                                                                                                                         | 2 x b | Ä5800       | 07.09.15 | M.H.      |  |                                                                                                     | dwg no:<br><br>15K1A1541<br><br>part no: 15-00636□ (see note 9)            |  |                 |
|                                                                                                                                                                         | a     | Original    |          |           |                                                                                      |                                                                                                     |                                                                            |  | DIN-A3<br>sh: 1 |
|                                                                                                                                                                         | rev.  | description | date     | name      |                                                                                      |                                                                                                     |                                                                            |  |                 |

RoHS compliant

## 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. 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 3 seconds longer. Do not heat contact more than 4 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><b>RECOMMENDED PANEL CUT-OUT</b><br>D-SUB MALE 25pos. SOLDER CUP<br>with open 4-40 UNC thread |  |
|                                                                                                                                                                         |             |          |         |                                                                                      |  |                                                                                                     |                       | drawn                | 23.09.14 Lehmenkühler |                                                                                                         |  |
|                                                                                                                                                                         |             |          |         |                                                                                      |  |                                                                                                     |                       | appd.                | 26.01.15 Fischer      |                                                                                                         |  |
|                                                                                                                                                                         |             |          |         | norm                                                                                 |  | dwg no:                                                                                             |                       | DIN-A3               |                       |                                                                                                         |  |
|                                                                                                                                                                         |             |          |         | d-old                                                                                |  |                                                                                                     |                       |                      |                       |                                                                                                         |  |
| 1 x c                                                                                                                                                                   | Ä5827       | 25.09.15 | Unkrüer |  |  |                                                                                                     |                       | 15K1A1541            |                       |                                                                                                         |  |
| a                                                                                                                                                                       | Original    |          |         |                                                                                      |  |                                                                                                     |                       | sh: 2                |                       |                                                                                                         |  |
| rev.                                                                                                                                                                    | description | date     | name    |                                                                                      |  |                                                                                                     |                       | part no: SEE SHEET 1 |                       |                                                                                                         |  |

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