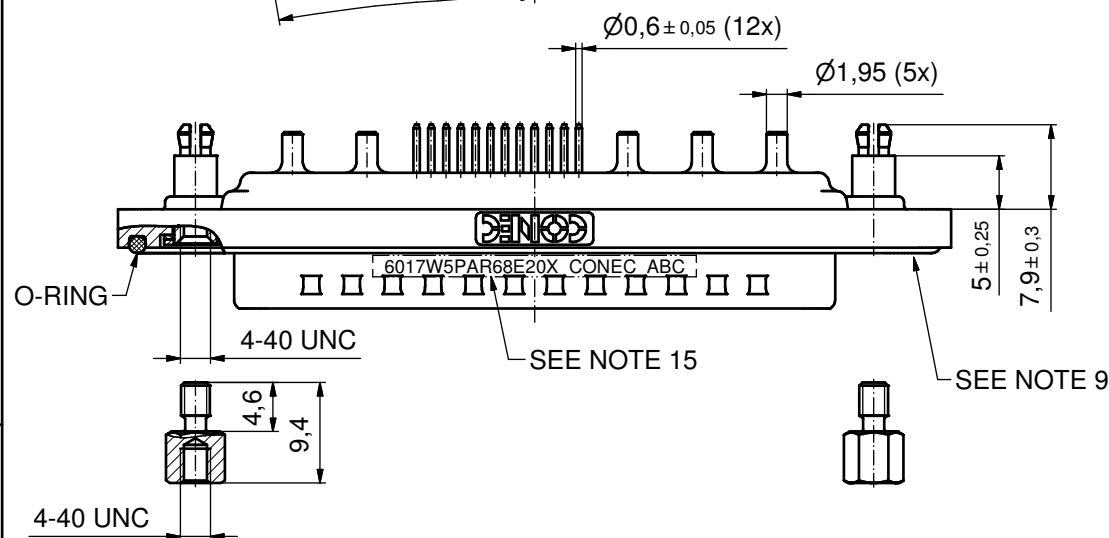
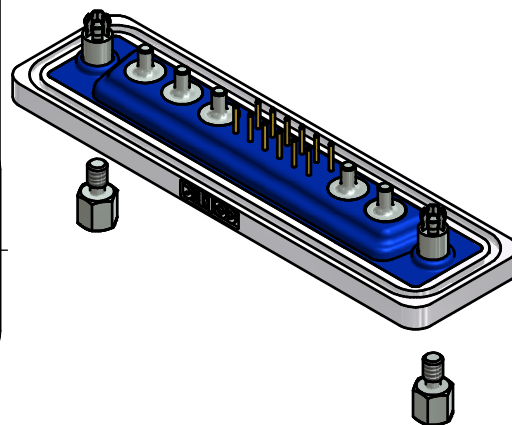
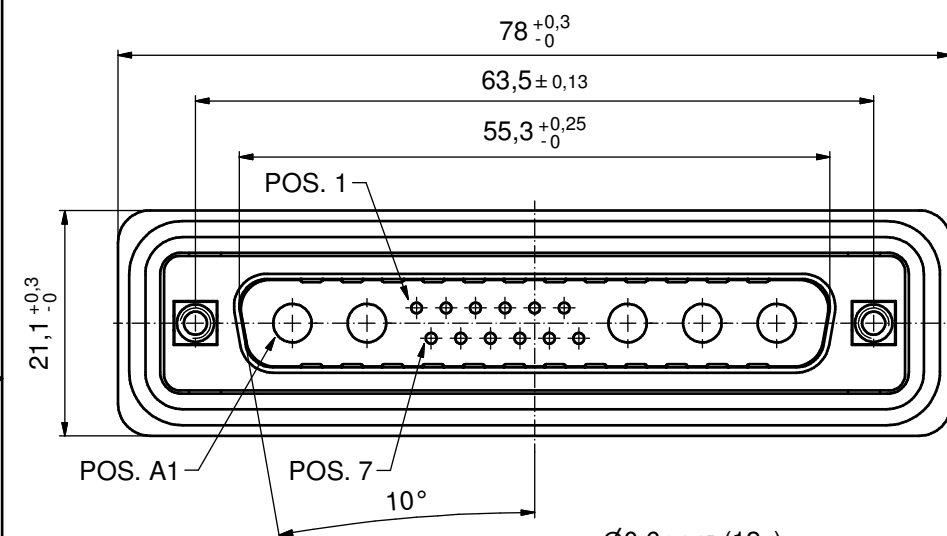
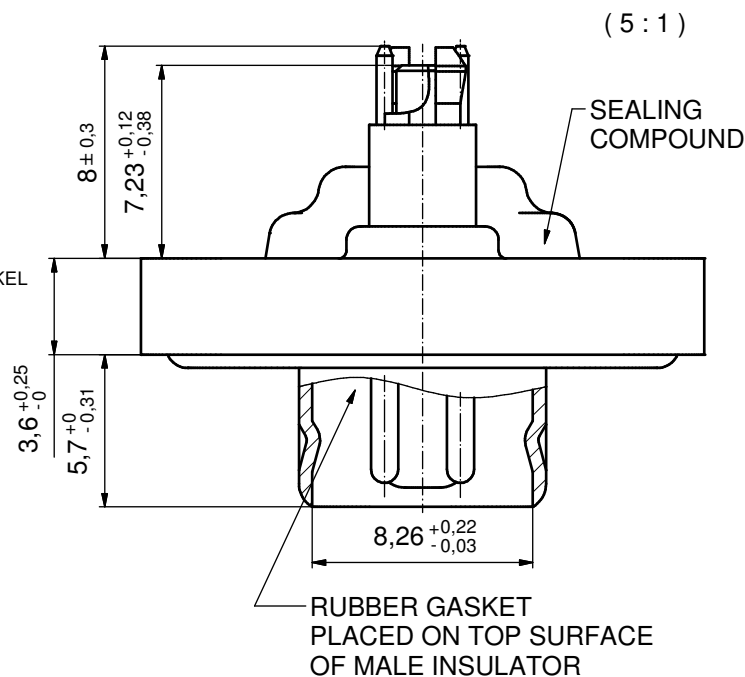


# NOTES:

1. FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 240°C FOR 5 SEC. AND SOLDER PREHEAT 120°C FOR 120 SEC.)
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATORS: PBT GF UL 94 V-0; GREEN
4. SIGNAL CONTACTS: COPPER ALLOY  
PLATING: GOLD FLASH over NICKEL
5. HIGH POWER CONTACTS 20A: COPPER ALLOY  
PLATING, MATING AREA: GOLD FLASH over NICKEL  
PLATING, TERMINATION SIDE: 160-240µin TIN over 80µin NICKEL
6. THREADED SPACER CLIPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
8. HEXLOCKING SCREWS: STAINLESS STEEL
9. FRAME : ZINC DIE CAST; NICKEL PLATED
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. RUBBER GASKET: TPE; BLACK
13. P.C.B. HOLE DRILLINGS + RECOMMENDED PANEL CUT-OUT ON SHEET 2
14. RECOMMENDED TORQUE FOR MOUNTING SCREW  
35Ncm (3.1in.LB) / max. 40Ncm (3.5 in.LB)
15. CONNECTOR IS PART MARKED: **6017W5PAR68E20X CONEC ABC**

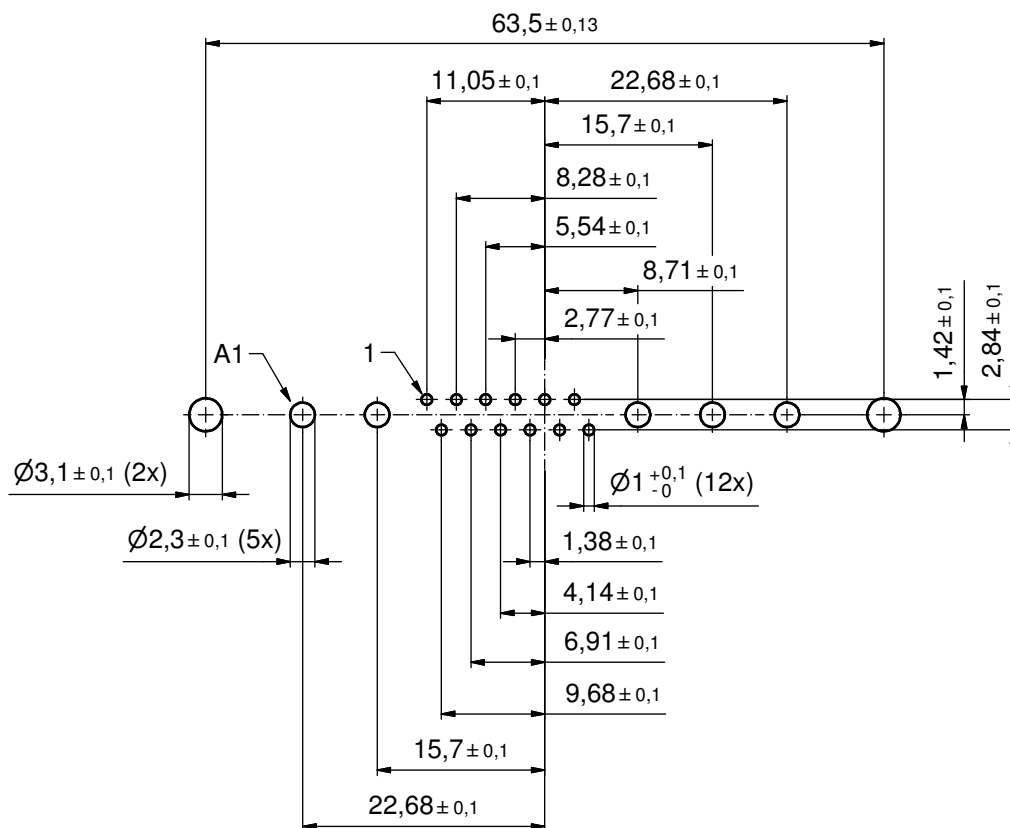


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

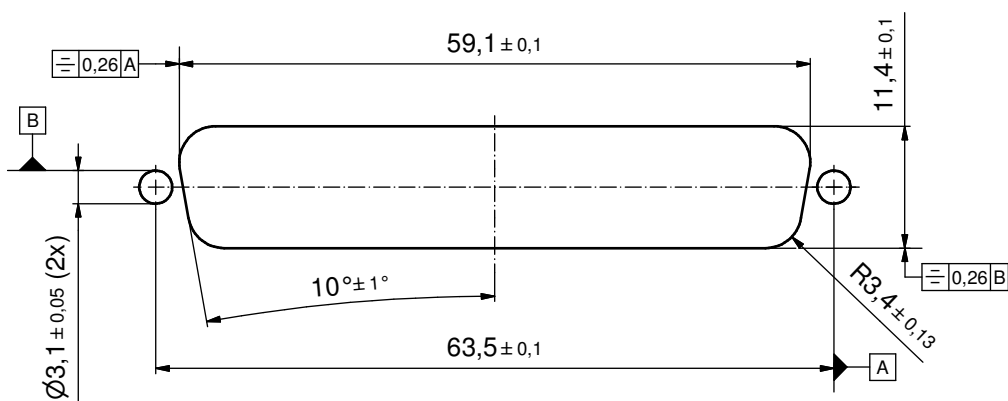
RoHS compliant

|                                                                                                                                                                      |      |             |      |      |                                                                                      |              |                                                                                                                 |                     |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|------|------|--------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------|---------------------|---------|
| 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 COMBINATION MALE<br>17W5P SOLDER PIN STRAIGHT<br>with threaded spacer clip and hexlocking screw |                     |         |
|                                                                                                                                                                      |      |             |      |      | drawn 01.07.15                                                                       | Henneboel    |                                                                                                                 |                     |         |
|                                                                                                                                                                      |      |             |      |      | appd. 01.07.15                                                                       | Lehmenkühler |                                                                                                                 |                     |         |
|                                                                                                                                                                      |      |             |      |      | norm                                                                                 |              |                                                                                                                 |                     |         |
|                                                                                                                                                                      |      |             |      |      | d-old                                                                                |              | dwg no:                                                                                                         |                     | DIN-A3  |
|                                                                                                                                                                      | a    | Original    |      |      |  |              | 15K1A1655                                                                                                       |                     | sh: 1/2 |
|                                                                                                                                                                      | rev. | description | date | name |                                                                                      |              | part no: 6017W5PAR68E20X                                                                                        |                     |         |

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 | DO NOT ALTER CAD DRAWING BY HAND |             |      |      | tolerance                                                                            |              |              | scale: 2:1            |
|                                                                                                                                                                      |                                  |             |      |      | dim. in mm                                                                           |              |                                                                                                   | material: SEE SHEET 1 |
|                                                                                                                                                                      |                                  |             |      |      | date                                                                                 | name         | title:<br>P.C.B. HOLE DRILLINGS<br>RECOMMENDED PANEL CUT-OUT<br>D-SUB COMB. MALE 17W5P SOLDER PIN |                       |
|                                                                                                                                                                      |                                  |             |      |      | drawn 01.07.15                                                                       | Henneboel    |                                                                                                   |                       |
|                                                                                                                                                                      |                                  |             |      |      | appd. 01.07.15                                                                       | Lehmenkühler |                                                                                                   |                       |
|                                                                                                                                                                      |                                  |             |      |      | norm                                                                                 |              |                                                                                                   |                       |
|                                                                                                                                                                      |                                  |             |      |      | d-old                                                                                |              |                                                                                                   |                       |
|                                                                                                                                                                      |                                  |             |      |      |  |              | dwg no:                                                                                           | DIN-A3                |
|                                                                                                                                                                      | a                                | Original    |      |      |                                                                                      |              | 15K1A1655                                                                                         | sh: 2/2               |
|                                                                                                                                                                      | rev.                             | description | date | name |                                                                                      |              | part no: SEE SHEET 1                                                                              |                       |