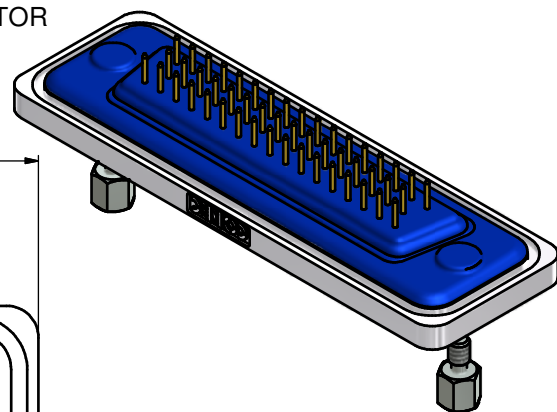
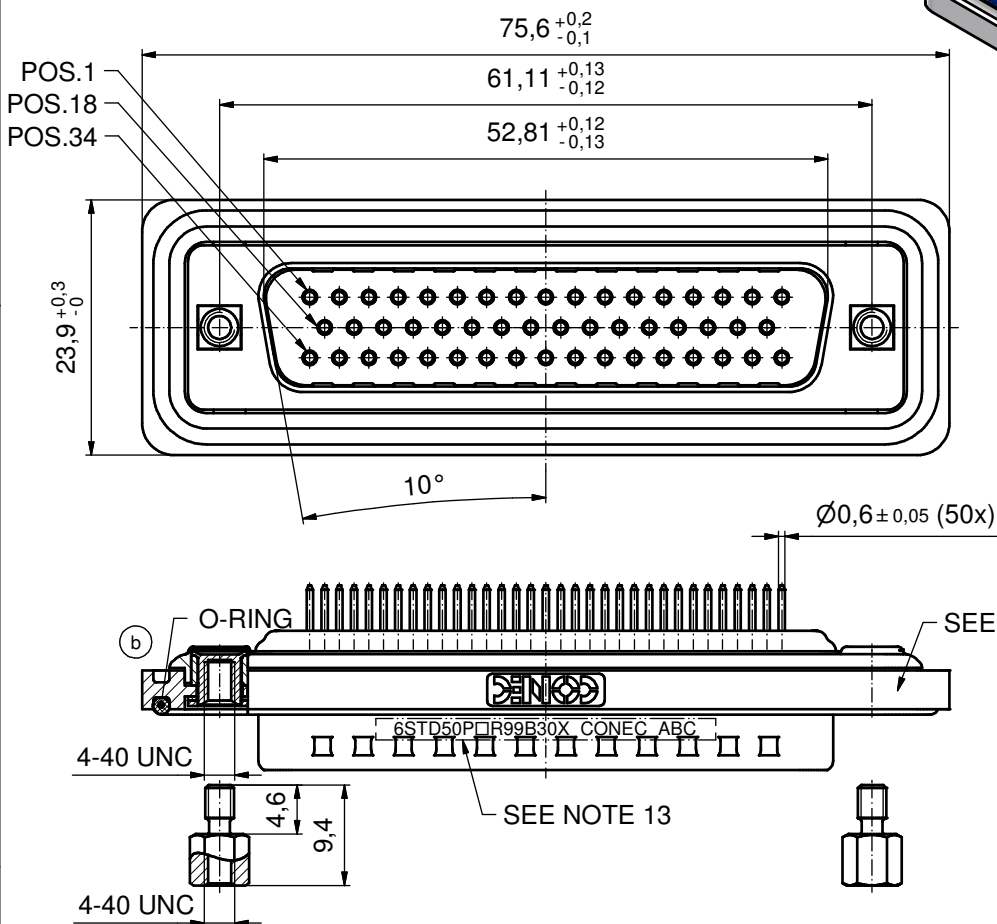


# NOTES: (b)

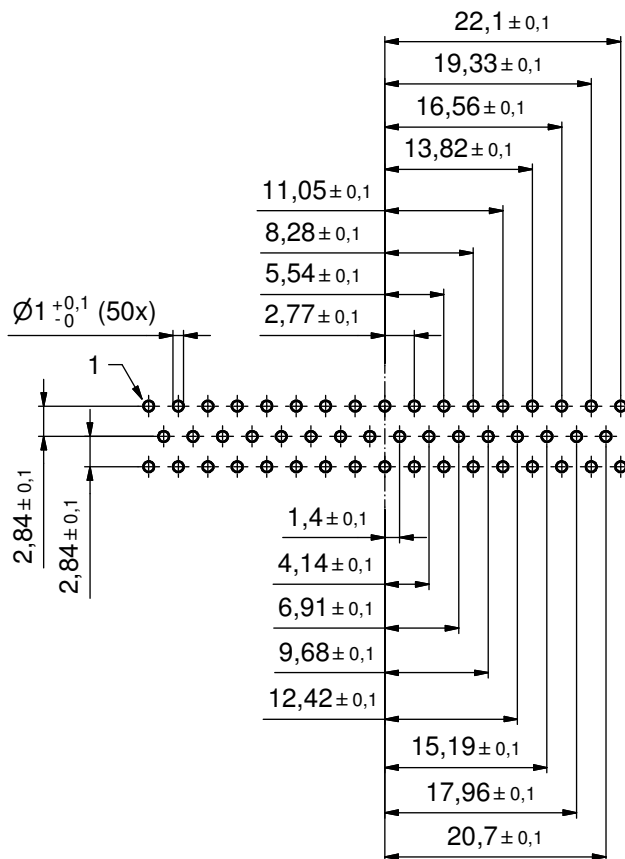
- FOR WAVESOLDERING ( SOLDER BATH TEMPERATURE 240° FOR 5 SEC.  
AND SOLDER PREHEAT 120°C FOR 120 SEC.)
- METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):  
□ PLEASE ADD A for GOLD FLASH over NICKEL ( PREFERRED TYPE)  
□ PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL  
□ PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
- THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- HEXLOCKING SCREWS: STAINLESS STEEL
- FRAME: ZINC DIE CAST; NICKEL PLATED
- O-RING: SILICON; BLUE
- SEALING COMPOUND: TPE; BLACK
- P.C.B. HOLE DRILLINGS + RECOMMENDED PANEL CUT-OUT ON SHEET 2
- RECOMMENDED TORQUE FOR MOUNTING SCREW  
35N cm (3.1 in.LB) / max. 40N cm (3.5 in.LB)
- CONNECTOR IS PART MARKED:  
**6STD50P□R99B30X CONEC ABC** (see note 4)

RUBBER GASKET  
PLACED ON TOP SURFACE  
OF MALE INSULATOR

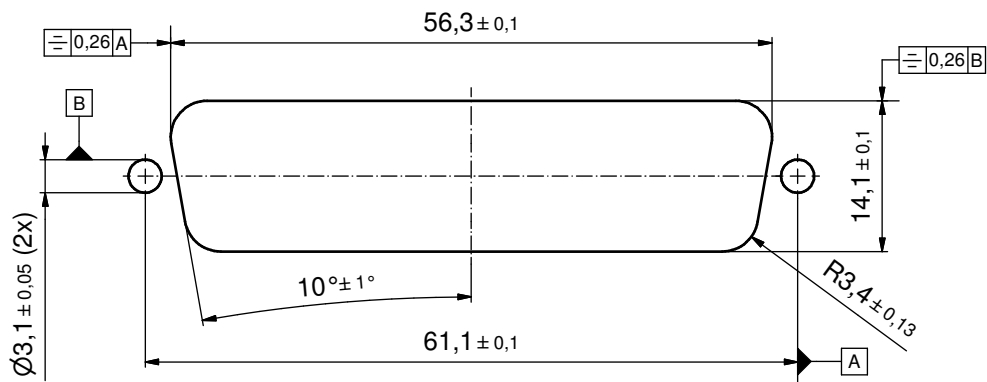


AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

|                                                                                                                                                                         |                                  |             |          |                                       |                                                                                      |              |                                                                                                     |                                                                                                         |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|----------|---------------------------------------|--------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|
| 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 | DO NOT ALTER CAD DRAWING BY HAND |             |          |                                       | tolerance                                                                            |              | <br>dim. in mm | scale: 2:1 (5:1)                                                                                        |                 |
|                                                                                                                                                                         |                                  |             |          |                                       |                                                                                      |              |                                                                                                     | material: SEE NOTES                                                                                     |                 |
|                                                                                                                                                                         |                                  |             |          |                                       | date                                                                                 | name         |                                                                                                     | title:<br><br>D-SUB MALE<br><br>50pos. SOLDER PIN STRAIGHT<br>with threaded insert and hexlocking screw |                 |
|                                                                                                                                                                         |                                  |             |          |                                       | drawn 02.10.09                                                                       | Lehmenkühler |                                                                                                     |                                                                                                         |                 |
|                                                                                                                                                                         |                                  |             |          |                                       | appd. 02.10.09                                                                       | Fischer      |                                                                                                     |                                                                                                         |                 |
|                                                                                                                                                                         |                                  |             |          |                                       | norm                                                                                 |              |                                                                                                     |                                                                                                         |                 |
|                                                                                                                                                                         |                                  |             |          |                                       | d-old                                                                                |              | dwg no:                                                                                             |                                                                                                         | DIN-A3<br>sh: 1 |
|                                                                                                                                                                         | 3 x b                            | Ä5509       | 29.01.14 | Heinrich                              |  |              | 15K1A375                                                                                            |                                                                                                         |                 |
|                                                                                                                                                                         | a                                | Original    |          | part no: 6STD50P□R99B30X (see note 4) |                                                                                      |              |                                                                                                     |                                                                                                         |                 |
|                                                                                                                                                                         | rev.                             | description | date     | name                                  |                                                                                      |              |                                                                                                     |                                                                                                         |                 |



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



RECOMMENDED PANEL CUT-OUT

|                                                                                                                                                                         |             |          |          |                                                                                      |  |                                                                                                     |                       |                 |              |                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|----------|--------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|-----------------------|-----------------|--------------|-------------------------------------------------------------------------------------------|--|
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|                                                                                                                                                                         |             |          |          |                                                                                      |  |                                                                                                     | material: SEE SHEET 1 |                 |              |                                                                                           |  |
|                                                                                                                                                                         |             |          |          |                                                                                      |  |                                                                                                     |                       | date            | name         | title:<br>P.C.B. HOLE DRILLINGS<br>PANEL CUT-OUT<br>D-SUB MALE 50pos. Solder pin straight |  |
|                                                                                                                                                                         |             |          |          |                                                                                      |  |                                                                                                     |                       | drawn 02.10.09  | Lehmenkühler |                                                                                           |  |
|                                                                                                                                                                         |             |          |          |                                                                                      |  |                                                                                                     |                       | appd. 02.10.09  | Fischer      |                                                                                           |  |
|                                                                                                                                                                         |             |          |          | norm                                                                                 |  | dwg no:<br><br>15K1A375                                                                             |                       |                 |              |                                                                                           |  |
|                                                                                                                                                                         |             |          |          | d-old                                                                                |  |                                                                                                     |                       |                 |              |                                                                                           |  |
| 3 x b                                                                                                                                                                   | Ä5509       | 29.01.14 | Heinrich |  |  |                                                                                                     |                       | DIN-A3<br>sh: 2 |              |                                                                                           |  |
| a                                                                                                                                                                       | Original    |          |          |                                                                                      |  |                                                                                                     |                       |                 |              |                                                                                           |  |
| rev.                                                                                                                                                                    | description | date     | name     |                                                                                      |  |                                                                                                     |                       |                 |              |                                                                                           |  |
| DO NOT ALTER CAD DRAWING BY HAND                                                                                                                                        |             |          |          |                                                                                      |  | part no: see sheet 1                                                                                |                       |                 |              |                                                                                           |  |