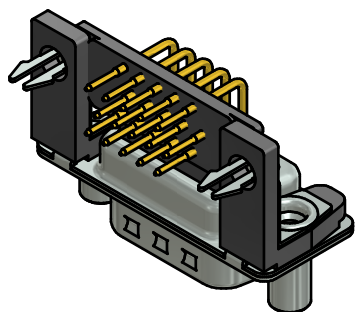
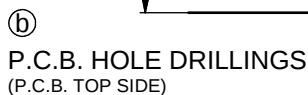


1. METAL SHELLS: STEEL; min. 315µm TIN over 40-80µm NICKEL
2. INSULATORS: PBT GF UL 94 V-0; BLACK
3. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
  - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
  - PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL
  - PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
4. MOUNTING BRACKETS: PBT GF UL 94 V-0; BLACK
5. THREADED LOCKS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL
6. GROUNDING CLIPS: COPPER ALLOY; min. 200µm TIN over 80µm NICKEL  
PCB-HOLE:  $\varnothing 3.1 \pm 0.1\text{mm}$ ; PCB THICKNESS 1.6mm
7. FIXING-PLATE: PBT GF UL 94 V-0; BLACK
8. MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
9. CONNECTOR IS PART MARKED: 163□20569X CONEC ABC, (see note 3)

|                                                                                                                                                                                  |                                  |             |            |       |                                                                                      |              |                                                                                                                                         |                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|------------|-------|--------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|--|
| THIS DRAWING MAY NOT BE COPIED OR<br>REPRODUCED IN ANY WAY, AND MAY NOT<br>BE PASSED ON TO A THIRD PARTY WITHOUT<br>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 HD MALE 90°<br><br>15pos. SOLDER PIN ANGLED 0.350inch<br>threaded lock,mounting bracket,grounding clip,fixing-plate |                  |  |
|                                                                                                                                                                                  |                                  |             |            |       | drawn 24.05.04                                                                       | Lehmenkühler |                                                                                                                                         |                  |  |
|                                                                                                                                                                                  |                                  |             |            |       | appd. 24.05.04                                                                       | Mickenbecker |                                                                                                                                         |                  |  |
|                                                                                                                                                                                  |                                  |             |            |       | norm                                                                                 |              |                                                                                                                                         |                  |  |
|                                                                                                                                                                                  |                                  |             |            |       | d-old                                                                                |              | dwg no:<br><br>16K1A1169<br><br>DIN-A3<br>sh: 1                                                                                         |                  |  |
|                                                                                                                                                                                  | 3 x b                            | Ä5709       | 07.07.2015 | Lehm. |  |              |                                                                                                                                         |                  |  |
|                                                                                                                                                                                  | a                                | Original    |            |       |                                                                                      |              |                                                                                                                                         |                  |  |
|                                                                                                                                                                                  | rev.                             | description | date       | name  |                                                                                      |              | part no: ⑥ 163□20569X (see note 3)                                                                                                      |                  |  |