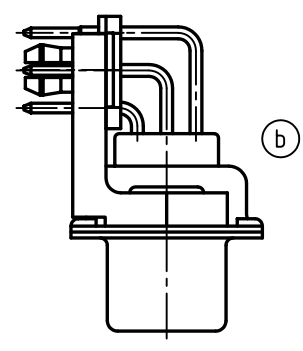
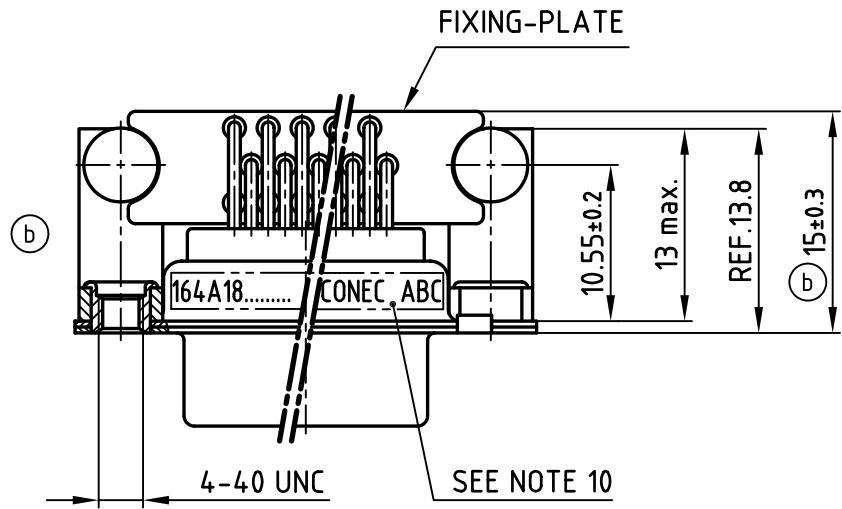
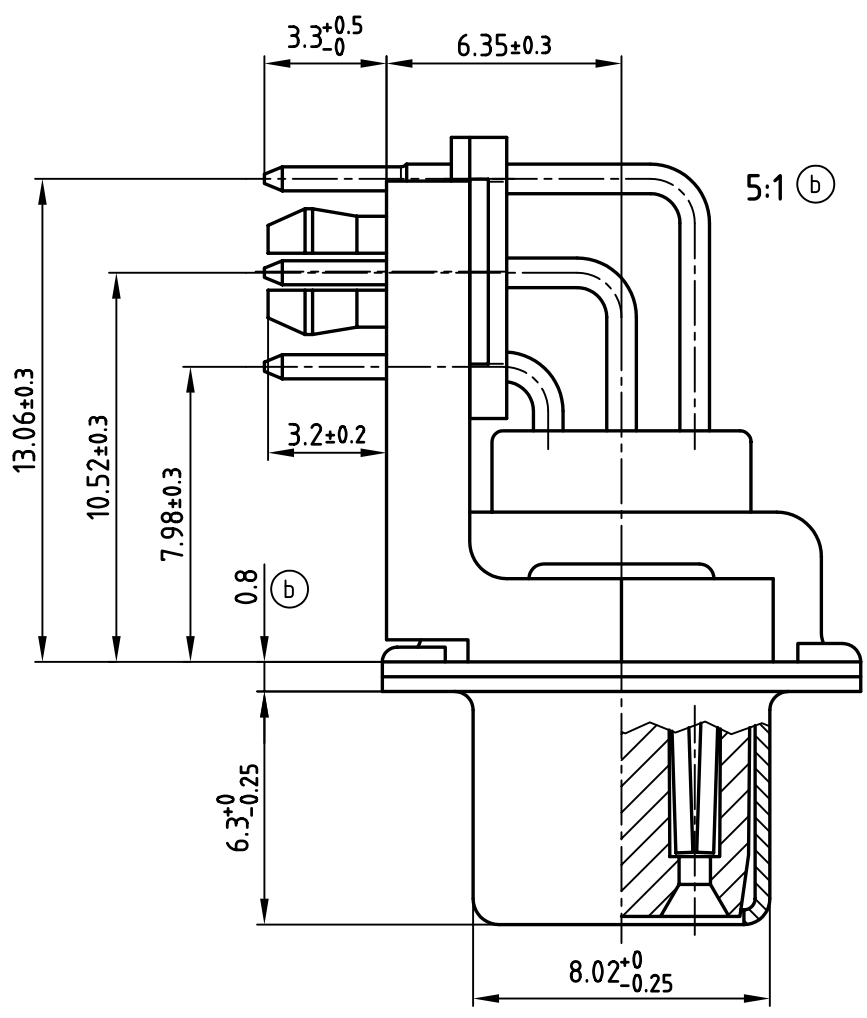
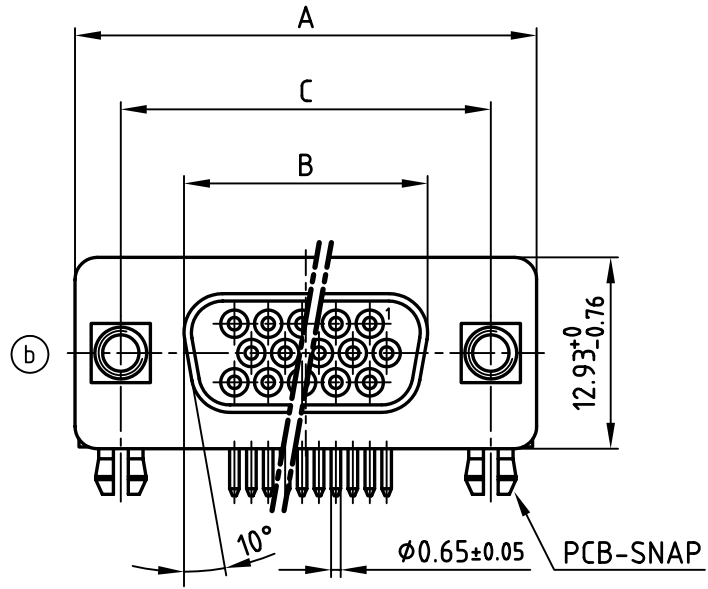


used for: D-SUB HD

| POS. | A -0.76 | B -0.25 | C                                      | Part NO.   |
|------|---------|---------|----------------------------------------|------------|
| 26   | 39.52   | 24.79   | 33.30 <sup>+0.15</sup> <sub>-0.1</sub> | 164A18189X |
| 44   | 53.42   | 38.50   | 47.04 ±0.13                            | 164A18199X |
| 62   | 69.70   | 54.96   | 63.50 ±0.13                            | 164A18209X |



- NOTES:
- METALSHELLS: STEEL; min. 315µin TIN over 40-80pin NICKEL
  - INSULATORS: PBT GF UL 94 V-0; BLACK
  - CONTACTS: COPPER ALLOY  
PLATING: 8µin HARD GOLD over min. 50µin NICKEL
  - METAL BRACKETS: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
  - THREADED INSERTS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
  - PCB-SNAPS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL  
PCB-HOLE:  $\phi 3.1 \pm 0.1$ ; PCB THICKNESS 1.6mm
  - FIXING-PLATE: PBT GF UL 94 V-0; BLACK
  - P.C.B. HOLE DRILLINGS ON SHEET 2
  - MAXIMUM TORQUE VALUE FOR THREAD: 6 in.LB
  - CONNECTOR IS PART MARKED: PART-NO. CONEC ABC

Directive 2002/95/EC  
„RoHS“  
Compliant

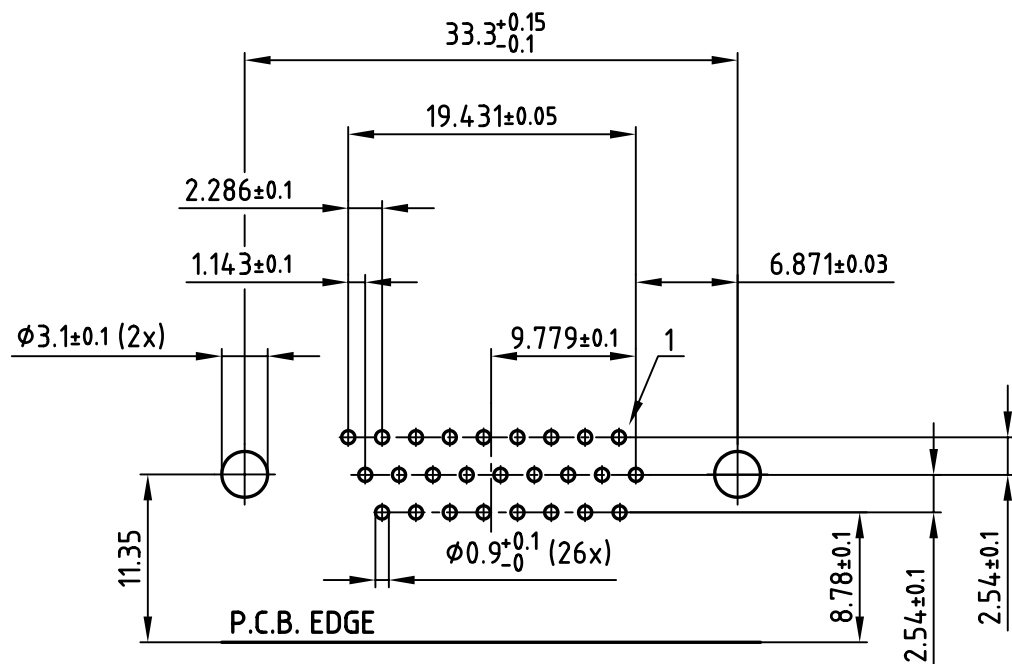
|                                                           |        |
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| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |
| CUSTOMER APPROVAL DATE:                                   |        |
| NAME:                                                     | TITLE: |
| COMPANY NAME:                                             |        |
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |        |

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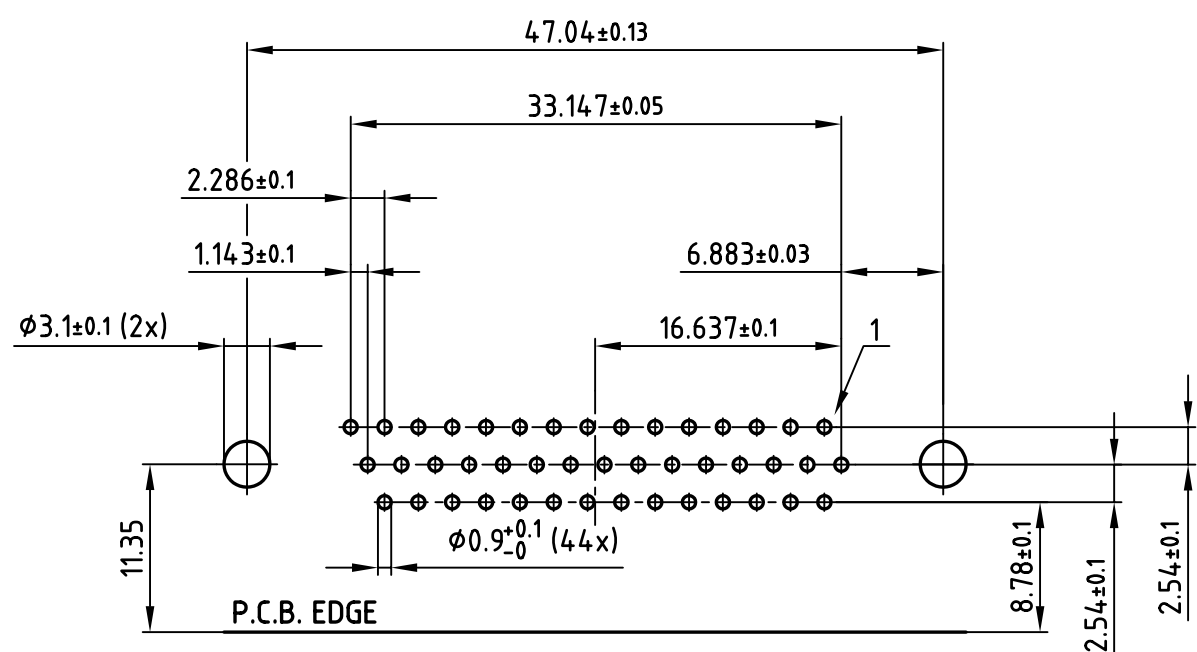
| 2 x c | Ä 3543      | 14.01.2010 | Lehmen | d-old |
|-------|-------------|------------|--------|-------|
| 8 x b | Ä 3524      | 10.12.2009 | Lehmen |       |
| a     | Origin      |            |        |       |
| rev.  | description | date       | name   |       |

| tolerance |           |
|-----------|-----------|
| 2001      | date      |
| drawn     | 22.11.    |
| appd.     | 22.11.    |
| norm      | DIN 41652 |
| d-old     |           |

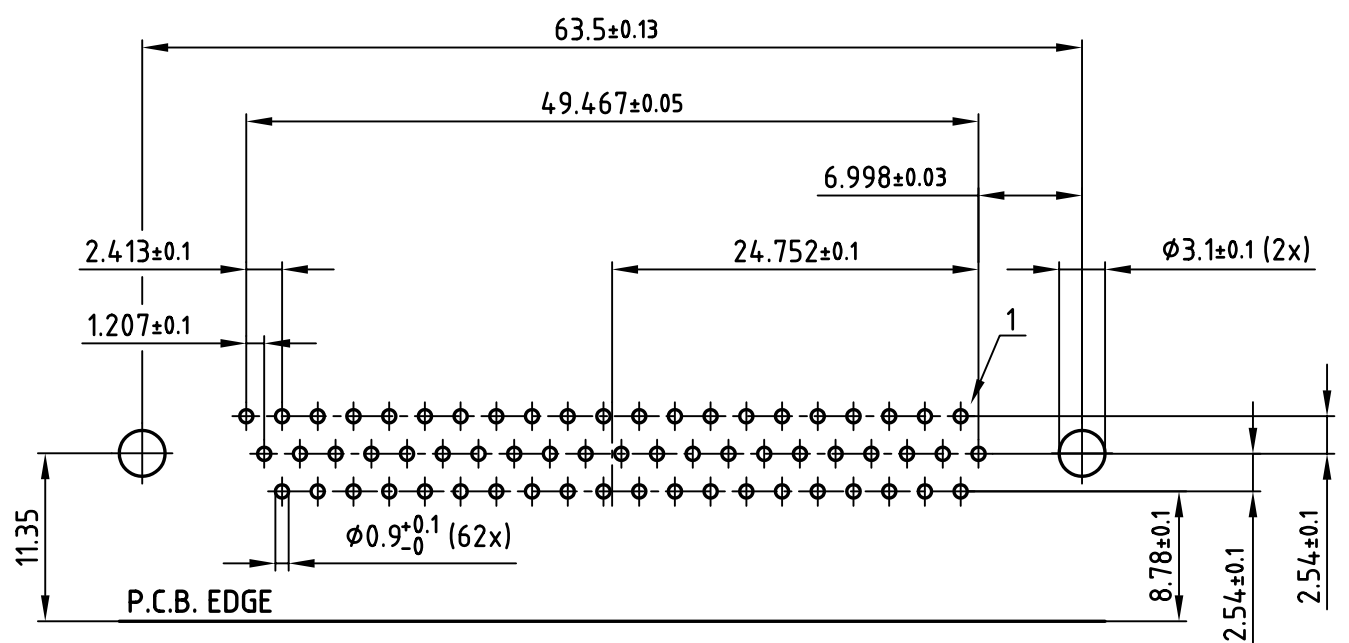
|                                               |              |           |
|-----------------------------------------------|--------------|-----------|
| scale:                                        | 2:1 (5:1)    |           |
| material:                                     | SEE NOTES    |           |
| title:                                        |              |           |
| D-SUB HD FEMALE 90°                           |              |           |
| (c) 26-62pos. 0.350inch                       |              |           |
| thread insert,metal bracket,fixing-plate,snap |              |           |
| dwg no:                                       | AutoCAD 2006 | DIN-A     |
| 16K1A375A                                     |              | 3         |
| part no:                                      |              | SEE TABLE |



26pos.



44pos.



62pos.

|                                                           |                                                           |
|-----------------------------------------------------------|-----------------------------------------------------------|
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL | APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |
| CUSTOMER APPROVAL DATE:                                   |                                                           |
| NAME:                                                     | TITLE:                                                    |
| COMPANY NAME:                                             |                                                           |
| APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL | APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL |

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|       |             |            |        |
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|       |             |            |        |
|       |             |            |        |
|       |             |            |        |
|       |             |            |        |
| 1 x c | Ä 3543      | 14.01.2010 | Lehmen |
| a     | Origin      |            |        |
| rev.  | description | date       | name   |



---

tolerance

|       |        |              |
|-------|--------|--------------|
| 2009  | date   | name         |
| drawn | 10.12. | Lehmenkühler |
| appd. | 10.12. | Fischer      |
| norm  |        |              |
| d-old |        |              |



|           |         |
|-----------|---------|
| scale:    | 2:1     |
| material: | SEE SHE |

|        |                                                                                                                                 |
|--------|---------------------------------------------------------------------------------------------------------------------------------|
| title: | <p>© P.C.B. HOLE DRILLINGS</p> <p>D-SUB HD FEMALE 90° 26-62pos. 0.350inch<br/>thread insert,metal bracket,fixing-plate,snap</p> |
|--------|---------------------------------------------------------------------------------------------------------------------------------|

|         |              |        |
|---------|--------------|--------|
| dwg no: | AutoCAD 2006 | DIN-A  |
| ®       | 16K1A375A    | 3      |
|         |              | sb:2/2 |

part no: SEE SHEET 1