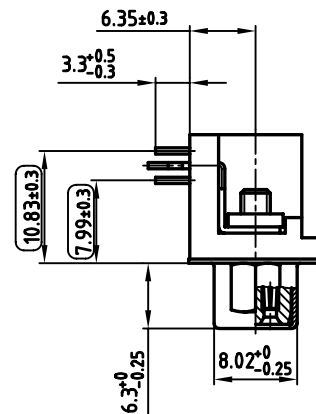
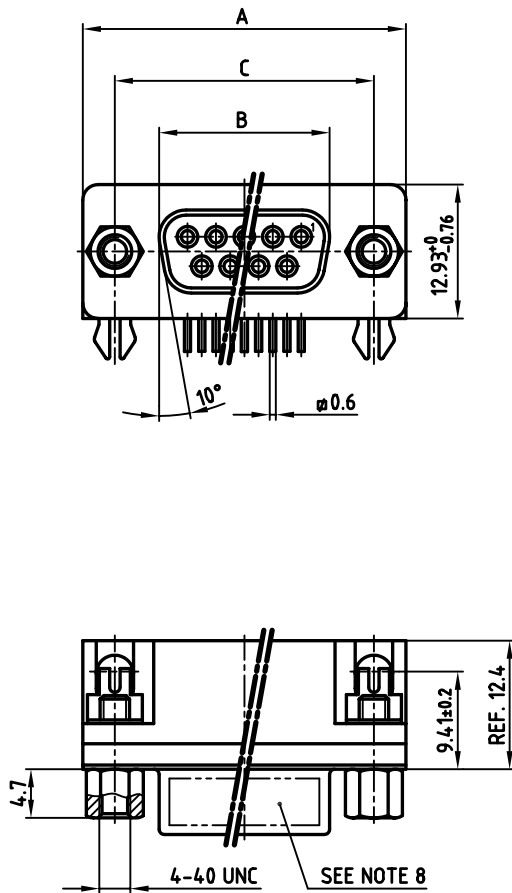


|           |       |
|-----------|-------|
| used for: | D-SUB |
|-----------|-------|

| POS. | A -0.76 | B -0.25 | C                                                            | PART-NO.     |
|------|---------|---------|--------------------------------------------------------------|--------------|
| 9    | 31.19   | 16.42   | 25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$ | DLS1XS5AK40X |
| 15   | 39.52   | 24.79   | 33.30 $\begin{smallmatrix} +0.15 \\ -0.1 \end{smallmatrix}$  | DLS2XS5AK40X |
| 25   | 53.42   | 38.50   | 47.04 $\pm 0.13$                                             | DLS3XS5AK40X |
| 37   | 69.70   | 54.96   | 63.50 $\pm 0.13$                                             | DLS4XS5AK40X |



**NOTES:**

1. SUITABLE FOR WAVE SOLDERING
2. METAL SHELLS: STEEL; min. 320µ" TIN
3. INSULATORS: PBT GF UL 94 V-0, BLACK
4. CONTACTS: COPPER ALLOY  
PLATING: 8µ" HARD GOLD OVER min. 50µ" NICKEL
5. PCB-SNAP: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL  
PCB-HOLE:  $\phi 3.1 \pm 0.1$ ; PCB THICKNESS 1.6mm
6. P.C.B. HOLE DRILLINGS ON SHEET 2 + 3
7. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
8. CONNECTOR IS PART MARKED: 

|          |       |     |
|----------|-------|-----|
| PART-NO. | CONEC | ABC |
|----------|-------|-----|
9. 

|  |
|--|
|  |
|--|

 = CHECK DIMENSION

Directive 2002/95/EC  
"RoHS"  
Compliant

|                                                           |                                                           |
|-----------------------------------------------------------|-----------------------------------------------------------|
| 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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|      |             |      |      |
|      |             |      |      |
|      |             |      |      |
|      |             |      |      |
|      |             |      |      |
| rev. | description | date | name |

tolerance



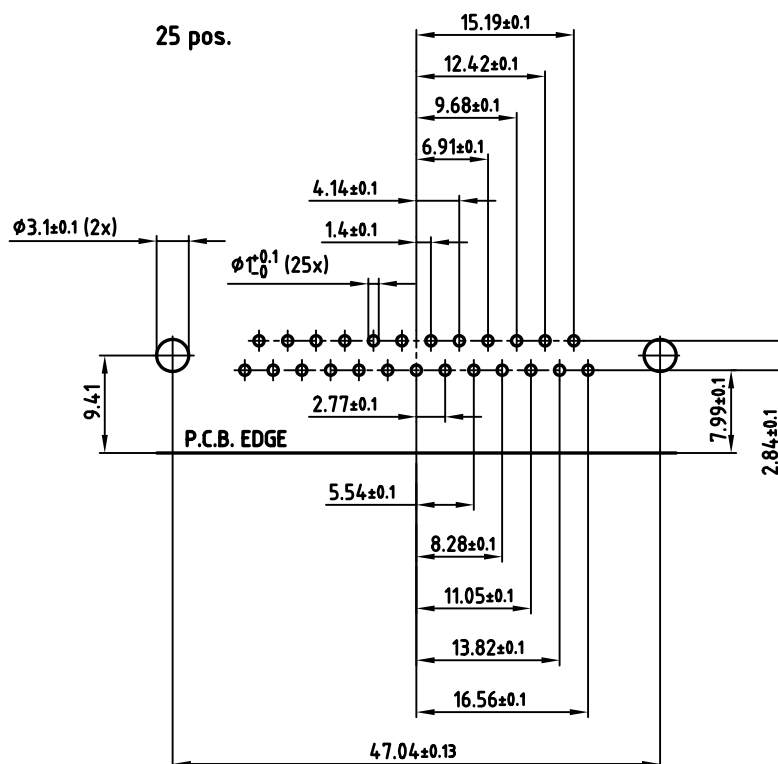
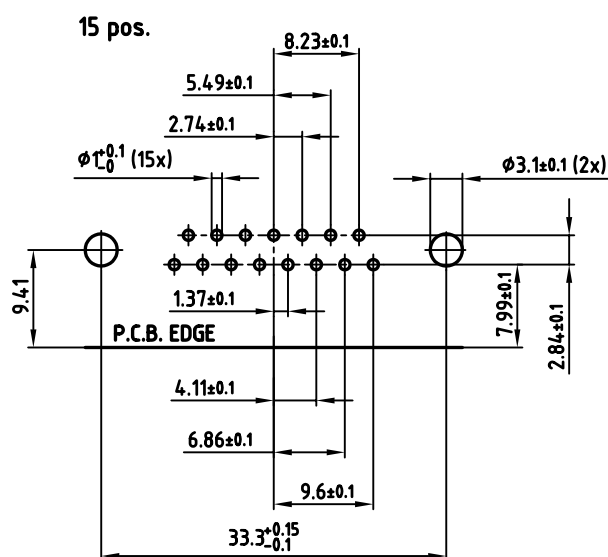
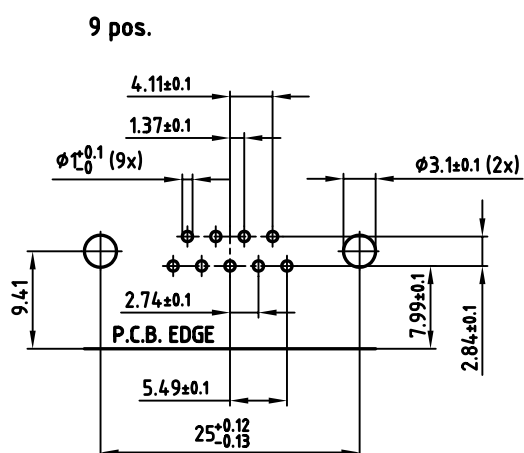
|           |           |
|-----------|-----------|
| scale:    | 2:1       |
| material: | SEE NOTES |

|        |                                                                                                         |
|--------|---------------------------------------------------------------------------------------------------------|
| title: | <b>D-SUB FEMALE 90°</b><br>9-37pos. STAMPED CONTACTS 0.318inch<br>with threaded insert, clip, hex bolts |
|--------|---------------------------------------------------------------------------------------------------------|

|         |              |        |
|---------|--------------|--------|
| dwg no: | AutoCAD 2004 | DIN-A  |
|         | 16K1A1557    | 3      |
|         |              | sh:1/3 |

|          |           |
|----------|-----------|
| part no: | SEE TABLE |
|----------|-----------|





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

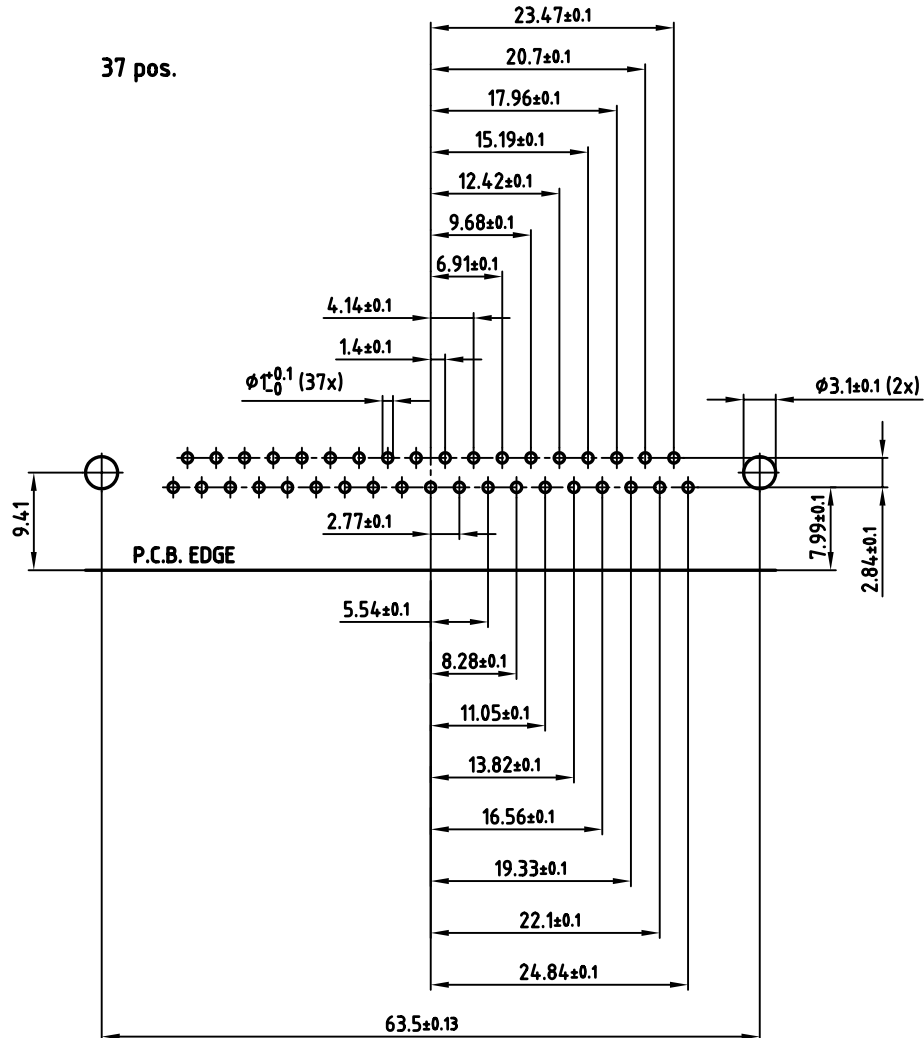
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|      |             |      |      |                                                                                      |           |                                                                                                     |  |
|------|-------------|------|------|--------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------|--|
|      |             |      |      | tolerance                                                                            |           | <br>dim. in mm |  |
|      |             |      |      | 2005                                                                                 | date      | name                                                                                                |  |
|      |             |      |      | drawn                                                                                | 14.11.    | Lehmenkühler                                                                                        |  |
|      |             |      |      | appd.                                                                                | 14.11.    | Kühle                                                                                               |  |
|      |             |      |      | norm                                                                                 | DIN 41652 |                                                                                                     |  |
|      |             |      |      | d-old                                                                                |           |                                                                                                     |  |
|      |             |      |      |  |           |                                                                                                     |  |
|      |             |      |      |                                                                                      |           |                                                                                                     |  |
| rev. | description | date | name |                                                                                      |           |                                                                                                     |  |



|           |                                                                                                                |            |
|-----------|----------------------------------------------------------------------------------------------------------------|------------|
| scale:    | 2:1                                                                                                            |            |
| material: | SEE SHEET 1                                                                                                    |            |
| title:    | <b>P.C.B. HOLE DRILLINGS</b><br>D-SUB FEMALE 90°, 9-37pos., 0.318inch<br>with threaded insert, clip, hex bolts |            |
| dwg no:   | AutoCAD 2004                                                                                                   | DIN-A<br>3 |
|           | 16K1A1557                                                                                                      | sh:2/3     |
| part no:  | SEE SHEET 1                                                                                                    |            |

**37 pos.**



|                         |            |              |                |            |
|-------------------------|------------|--------------|----------------|------------|
| APPROVAL                | * FREIGABE | * DEBLOCKAGE | * AUTORIZACION | * APPROVAL |
| CUSTOMER APPROVAL DATE: |            |              |                |            |
|                         |            |              |                |            |
| NAME:                   |            | TITLE:       |                |            |
|                         |            |              |                |            |
| COMPANY NAME:           |            |              |                |            |
|                         |            |              |                |            |
| APPROVAL                | * FREIGABE | * DEBLOCKAGE | * AUTORIZACION | * APPROVAL |

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|      |  |             |  |                                                                                      |           |                                                                                                     |  |
|------|--|-------------|--|--------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------|--|
|      |  |             |  | tolerance                                                                            |           | <br>dim. in mm |  |
|      |  |             |  | 2005                                                                                 | date      | name                                                                                                |  |
|      |  |             |  | drawn                                                                                | 14.11.    | Lehmenkühler                                                                                        |  |
|      |  |             |  | appd.                                                                                | 14.11.    | Kühle                                                                                               |  |
|      |  |             |  | norm                                                                                 | DIN 41652 |                                                                                                     |  |
|      |  |             |  | d-old                                                                                |           |                                                                                                     |  |
|      |  |             |  |  |           |                                                                                                     |  |
|      |  |             |  |                                                                                      |           |                                                                                                     |  |
|      |  |             |  |                                                                                      |           |                                                                                                     |  |
| rev. |  | description |  | date                                                                                 |           | name                                                                                                |  |

tolerance



|        |     |
|--------|-----|
| scale: | 2:1 |
|--------|-----|

|           |             |
|-----------|-------------|
| material: | SEE SHEET 1 |
|-----------|-------------|

|        |                                                                                                                            |
|--------|----------------------------------------------------------------------------------------------------------------------------|
| title: | <p><b>P.C.B. HOLE DRILLINGS</b></p> <p>D-SUB FEMALE 90°, 9-37pos., 0.318inch<br/>with threaded insert, clip, hex bolts</p> |
|--------|----------------------------------------------------------------------------------------------------------------------------|

|         |              |       |
|---------|--------------|-------|
| dwg no: | AutoCAD 2004 | DIN-A |
|---------|--------------|-------|

16K1A1557 3 sh:3/3

part no: SEE SHEET 1

# Mouser Electronics

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