

6

5

4

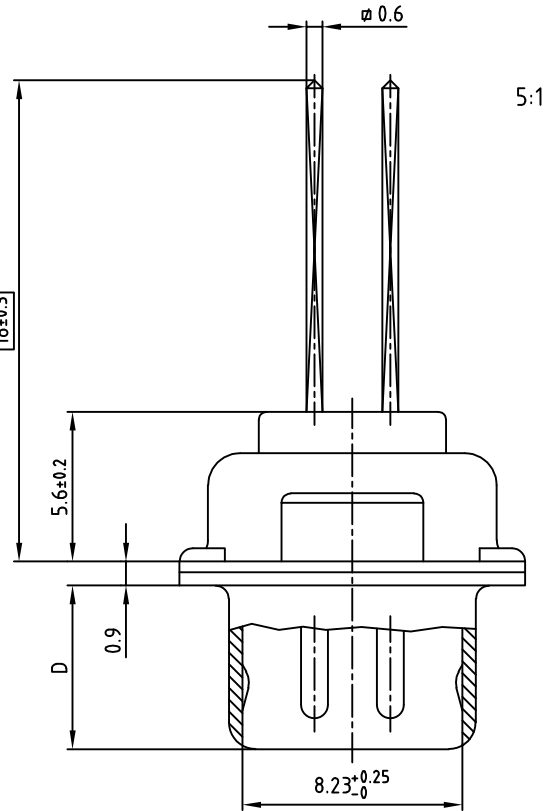
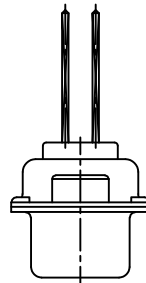
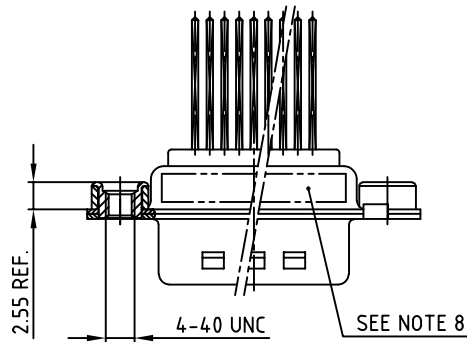
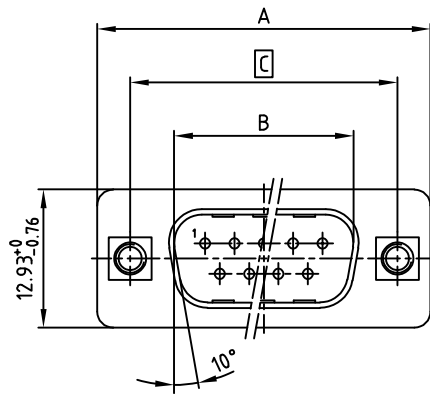
3

2

1

used for: D-SUB

| POS. | A -0.76 | B +0.25 | C           | D -0.3 | PART-NO.    |
|------|---------|---------|-------------|--------|-------------|
| 37   | 69.70   | 55.30   | 63.50 ±0.13 | 5.99   | 163A114-99X |



## NOTES:

1. METALSHELLS: STEEL; min. 320µ" TIN
2. INSULATORS: PBT GF UL 94 V-0, BLACK
3. CONTACTS: COPPER ALLOY  
PLATING: min. 8µ" HARD GOLD OVER min. 50µ" NICKEL
4. THREADED INSERT: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
5. COLLAR: COPPER ALLOY; min. 200µ" TIN over 80µ" NICKEL
6. P.C.B. HOLE DRILLINGS ON DRAWING NO.: 16K111UA
7. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
8. CONNECTOR IS PART MARKED: PART-NO. CONEC ABC
9.   = CRITICAL DIMENSION

|                                                           |        |
|-----------------------------------------------------------|--------|
| APPROVAL * FREIGABE * DEBLOCAGE * AUTOR/ZACION * APPROVAL |        |
| CUSTOMER APPROVAL DATE:                                   |        |
| NAME:                                                     | TITLE: |
| COMPANY NAME:                                             |        |
| APPROVAL * FREIGABE * DEBLOCAGE * AUTOR/ZACION * APPROVAL |        |

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|      |             |      |      |                                                                                      |           |                                                                                       |            |
|------|-------------|------|------|--------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|------------|
|      |             |      |      | tolerance                                                                            |           |  | dim. in mm |
|      |             |      |      | 2002                                                                                 | date      |                                                                                       |            |
|      |             |      |      | drawn                                                                                | 15.11.    | Parei                                                                                 |            |
|      |             |      |      | appd.                                                                                | 18.11.    | Kühle                                                                                 |            |
|      |             |      |      | norm                                                                                 | DIN 41652 |                                                                                       |            |
|      |             |      |      | d-old                                                                                |           |                                                                                       |            |
|      |             |      |      |  |           |                                                                                       |            |
|      |             |      |      |                                                                                      |           |                                                                                       |            |
| rev. | description | date | name |                                                                                      |           |                                                                                       |            |

|                                                               |         |  |
|---------------------------------------------------------------|---------|--|
| scale: 2:1 (5:1)                                              |         |  |
| material: SEE NOTES                                           |         |  |
| title: D-SUB MALE<br>37pos. WIRE WRAP<br>with threaded insert |         |  |
| dwg no: AutoCAD 2000                                          | DIN-A   |  |
| 16K1A796                                                      | 3       |  |
| part no: SEE TABLE                                            | sh: 1/1 |  |