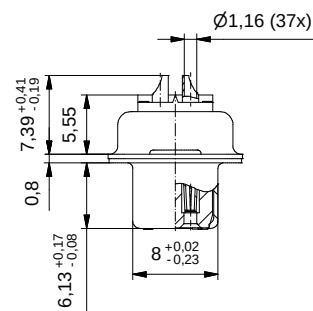
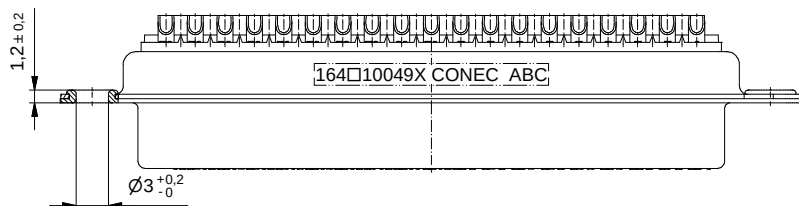
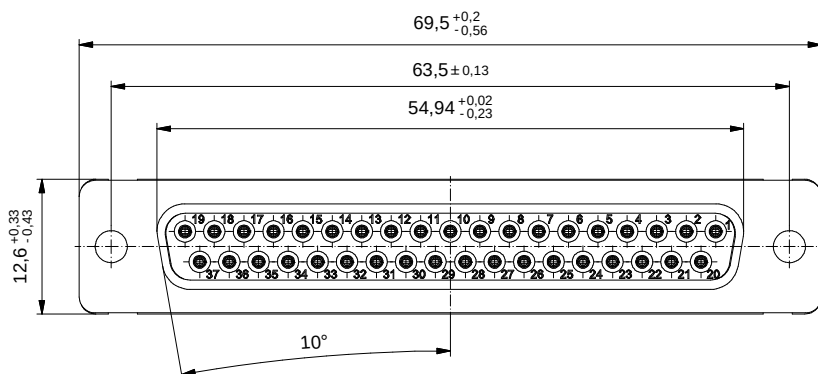
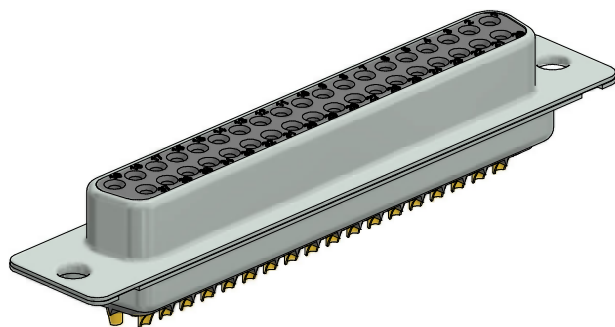
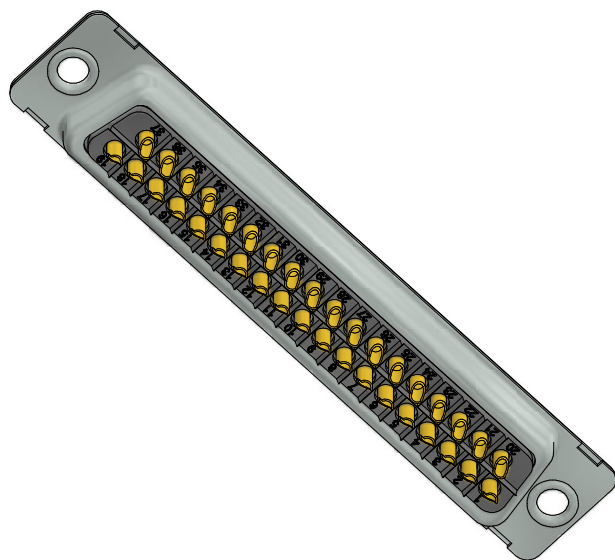




## b) Technical specification:

### Technische Daten:

|                                                             |                                                                                                                                                                 |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working voltage/<br>Betriebsspannung:                       | 125 V AC                                                                                                                                                        |
| Insulation resistance/<br>Isolationswiderstand:             | $\geq 5 \text{ G}\Omega$                                                                                                                                        |
| Dielectric withstanding<br>voltage/<br>Spannungsfestigkeit: | 1000 V, 50 Hz, 1 min.                                                                                                                                           |
| Solder cup accepts cable/<br>Lötkehl geeignet für Kabel:    | max. AWG 20                                                                                                                                                     |
| Temperature range/<br>Temperaturbereich:                    | - 55 °C ... + 125 °C                                                                                                                                            |
| Current rating/<br>Strombelastbarkeit:                      | 7,5 A (UL, VDE) / 5 A (CSA, VDE)                                                                                                                                |
| Mating cycles/<br>Steckzyklen:                              | Quality class 1 = 500<br>Gütestufe 1<br>Quality class 2 = 200<br>Gütestufe 2<br>Quality class 3 = 50<br>Gütestufe 3<br>Quality class 4 $\geq 50$<br>Gütestufe 4 |

### Materials/

#### Werkstoffe:

|                              |                      |
|------------------------------|----------------------|
| Contact/<br>Kontakt:         | Cu alloy, Au over Ni |
| Insulator/<br>Isolierkörper: | PBT GF UL 94 V-0     |
| Shell/<br>Gehäuse:           | Steel, Sn over Ni    |

| Part no. / Part marked/<br>Art.-Nr. / Bedruckung: | Quality class/<br>Gütestufe: | Contact plating/<br>Kontakt Veredelung:                                         |
|---------------------------------------------------|------------------------------|---------------------------------------------------------------------------------|
| 164J10049X                                        | 4                            | 50 µin hard gold over min. 50 µin nickel<br>50 µin Gold über min. 50 µin Nickel |
| 164A10049X                                        | 3                            | Gold flash over nickel<br>Gold über Nickel                                      |
| 164B10049X                                        | 2                            | 20 µin hard gold over min. 50 µin nickel<br>20 µin Gold über min. 50 µin Nickel |
| 164C10049X                                        | 1                            | 30 µin hard gold over min. 50 µin nickel<br>30 µin Gold über min. 50 µin Nickel |

|                                |                           |                                                                                                |            |                                                                             |           |        |
|--------------------------------|---------------------------|------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------|-----------|--------|
|                                |                           |  dim. in mm |            | D-SUB Female 37pos. solder cup<br><i>D-SUB Buchsenleiste 37pol. Lötkehl</i> |           |        |
|                                |                           | Date/Datum                                                                                     | Name       |                                                                             |           |        |
|                                |                           | 09.01.2018                                                                                     | Unkrüer    |                                                                             |           |        |
|                                |                           | drawn/<br>gez.<br>appd./<br>gepr...                                                            | 11.01.2018 | Schmidt                                                                     |           |        |
| Index: b Ä7037 09.01.2018 L.U. | scale/Maßstab:<br><br>2:1 |            |            | dwg no /<br>Z.-nr.:                                                         | 16K1A4004 | DIN-A3 |
| Status: InBearbeitung          |                           |                                                                                                |            |                                                                             |           |        |
| RoHS compliant/ konform        |                           |                                                                                                |            |                                                                             |           | 1 / 1  |