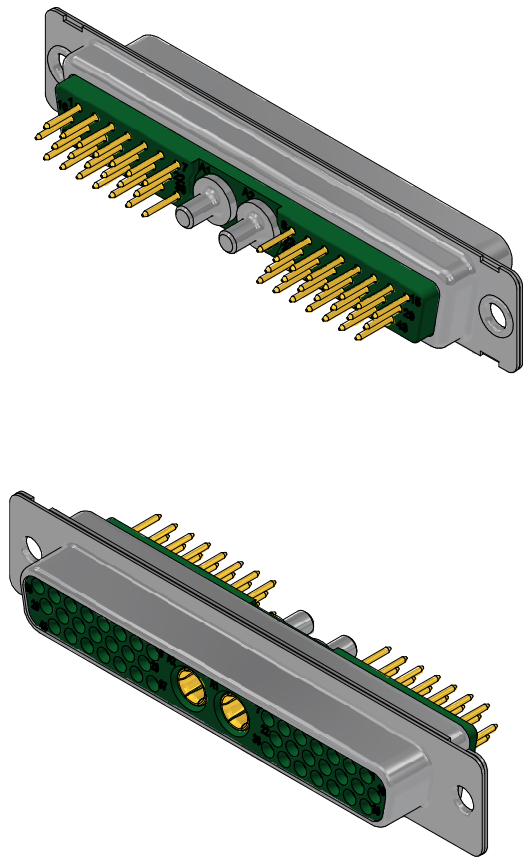




### Technical specification/

#### Technische Daten:

|                                                                 |                                                                                                                            |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Dielectric withstanding voltage/<br><i>Spannungsfestigkeit:</i> | 1000 V, 50 Hz 1 min.                                                                                                       |
| Current rating/<br><i>Strombelastbarkeit:</i>                   | Signal contact/ 3 A (UL, VDE)<br><i>Signalkontakt:</i> 2,5 A (CSA)<br>High power contact/ 20 A<br><i>Hochstromkontakt:</i> |
| Insulation resistance/<br><i>Isolationswiderstand:</i>          | ≥ 5 GΩ                                                                                                                     |
| Temperature range/<br><i>Temperaturbereich:</i>                 | -55 °C ... +125 °C                                                                                                         |
| Mating cycles/<br><i>Steckzyklen:</i>                           |                                                                                                                            |
| Signal contact/<br><i>Signalkontakt:</i>                        | Quality class 3 = 50<br><i>Gütestufe 3</i>                                                                                 |
| High power contact/<br><i>Hochstromkontakt:</i>                 |                                                                                                                            |

### Materials/

#### Werkstoffe:

|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Signal contact/<br><i>Signalkontakt:</i>        | Cu alloy, Au over Ni                                                                            |
| High power contact/<br><i>Hochstromkontakt:</i> | Cu alloy, mating area/<br>Au over Ni<br>termination side/ <i>Anschluss Seite:</i><br>Sn over Ni |
| Insulator/<br><i>Isolierkörper:</i>             | PBT GF UL 94 V-0, green/ <i>grün</i>                                                            |
| Shell/<br><i>Gehäuse:</i>                       | Steel, Sn over Ni                                                                               |

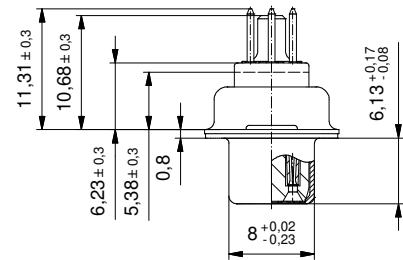
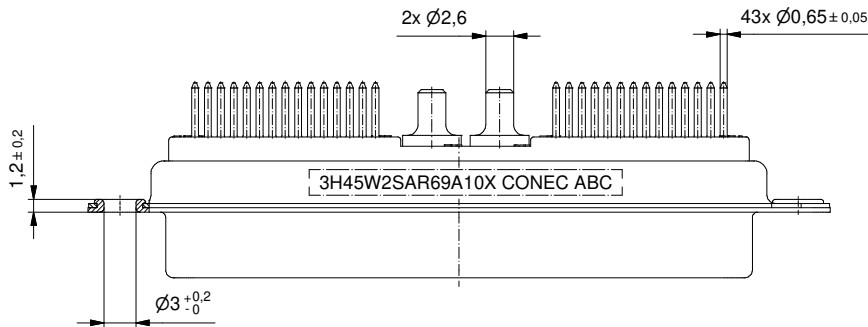
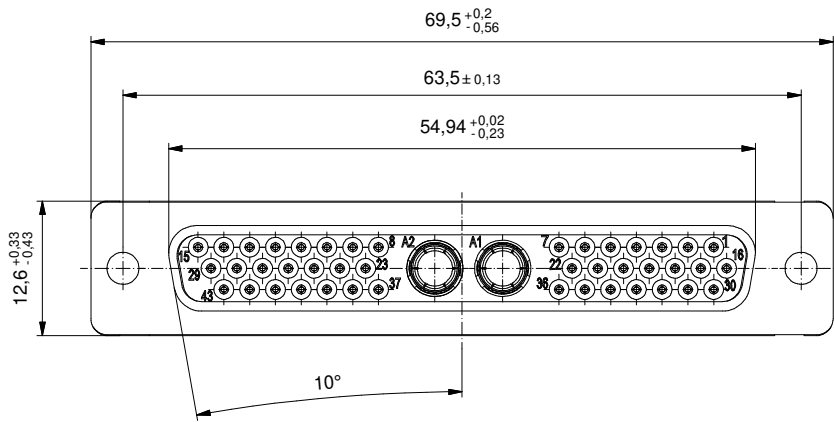
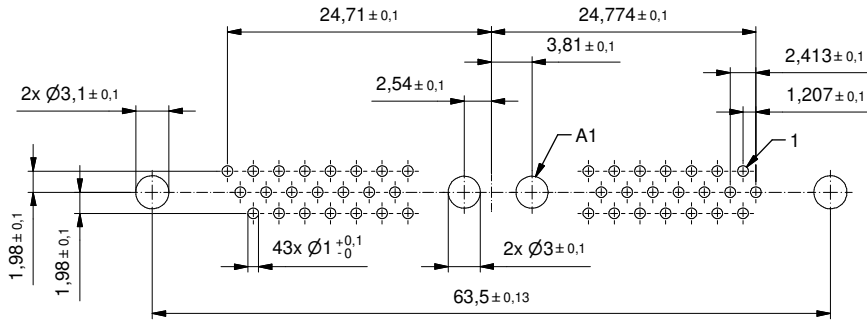
### Installation specification/

#### Montagedaten:

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| PCB hole drillings/<br><i>Leiterplattenbohrbild:</i> | see sheet 2/<br><i>siehe Seite 2</i> |
|------------------------------------------------------|--------------------------------------|

|                                                                                                                          |                                                    |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Part no. / Part marked/<br>Art.-Nr. / Bedruckung:                                                                        |                                                    | Contact plating/<br>Kontakt Veredelung:                                                                                                                                                                                                                                                                                                                             |                                                                                   |
| 3H45W2SAR69A10X                                                                                                          | Signal contact/<br>Signalkontakt:                  | Gold flash over nickel<br>Gold über Nickel                                                                                                                                                                                                                                                                                                                          |                                                                                   |
|                                                                                                                          | High power contact 20 A/<br>Hochstromkontakt 20 A: | plating, mating area/<br>Veredelung, Steckbereich:<br>plating, termination side/<br>Veredelung, Anschluss Seite:                                                                                                                                                                                                                                                    | gold flash over nickel<br>Gold über Nickel<br>tin over nickel<br>Zinn über Nickel |
| <div>general tolerance/<br/>Allgemeintoleranz:</div> <div>0 ± 0,50mm<br/>0,0 ± 0,25mm<br/>0,00 ± 0,10mm<br/>4 ± 5°</div> |                                                    | <div><div><div><div></div><div>dim. in mm</div></div></div><div><div>Date/Datum</div><div>Name</div></div><div><div>drawn/<br/>gez.</div><div>09.07.2024</div><div>Henneboel</div></div><div><div>appd./<br/>gepr.</div><div>09.07.2024</div><div>Lehmenkühler</div></div></div> |                                                                                   |
|                                                                                                                          |                                                    |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |
| Index: a Original                                                                                                        | scale/ Maßstab:<br><br>2:1                         | <div><div><div><div></div><div>®</div></div></div><div><div>dwg no /<br/>Z.-nr.:</div><div>13K1A6575</div></div></div>                                                                                                                                                          |                                                                                   |
| RoHS compliant, exemption 6c/<br>RoHS konform, Ausnahme 6c                                                               |                                                    |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |

PCB hole drillings  
(PCB top side)/  
Leiterplattenbohrbild  
(Leiterplatten Oberseite)



|                                                            |                       |                                                                                                |                                                                                      |                                   |              |
|------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------|--------------|
|                                                            |                       |  dim. in mm |                                                                                      | D-SUB HD Combination Female 45W2P |              |
| general tolerance/<br>Allgemeintoleranz:                   | 0                     | $\pm 0,50\text{mm}$                                                                            | drawn/<br>gez.                                                                       | Date/Datum                        | Name         |
|                                                            | 0,0                   | $\pm 0,25\text{mm}$                                                                            | 09.07.2024                                                                           | 09.07.2024                        | Henneboel    |
|                                                            | 0,00                  | $\pm 0,10\text{mm}$                                                                            | appd./<br>gepr.                                                                      | 09.07.2024                        | Lehmenkühler |
| Index: a Original                                          | scale/Maßstab:<br>2:1 |                                                                                                |  |                                   |              |
| RoHS compliant, exemption 6c/<br>RoHS konform, Ausnahme 6c |                       | dwg no /<br>Z.-nr.: 13K1A6575                                                                  |                                                                                      | DIN-A3                            |              |
|                                                            |                       |                                                                                                |                                                                                      | 2 / 2                             |              |