

Snap, press for fixing on PCB/  
Clip, drücken zum Befestigen  
auf der Leiterplatte

Threaded insert/  
Gewindeeinsatz

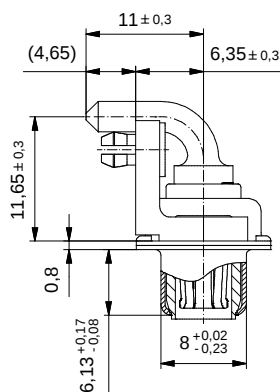
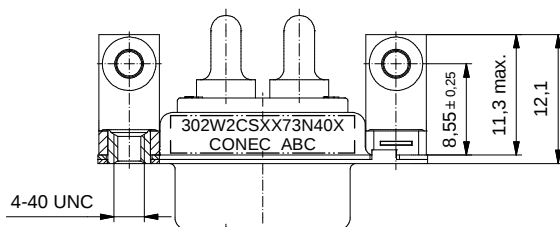
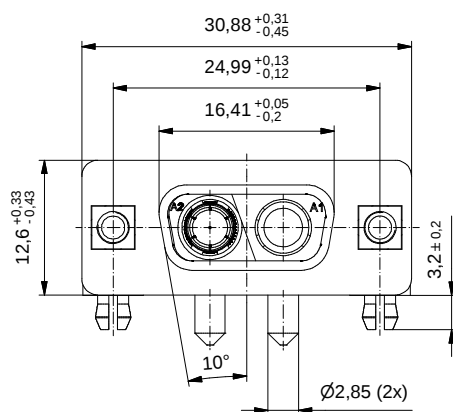
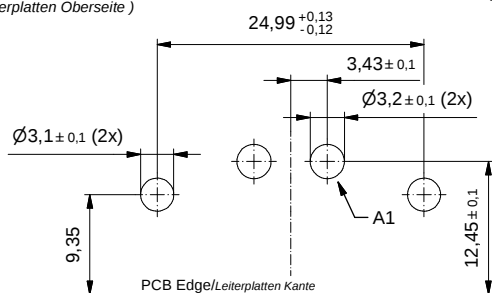
Female contact/  
Buchsenkontakt

Male contact/  
Stiftkontakt

Metal bracket/  
Metallwinkel

PCB snap/  
PCB Clip

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



## Technical specification:

### Technische Daten:

|                                                          |                                     |
|----------------------------------------------------------|-------------------------------------|
| Dielectric withstanding voltage/<br>Spannungsfestigkeit: | 1000 V, 50 Hz 1 min.                |
| Current rating/<br>Strombelastbarkeit:                   | 20 A                                |
| Insulation resistance/<br>Isolationswiderstand:          | ≥ 5 GΩ                              |
| Temperature range/<br>Temperaturbereich:                 | - 55 °C ... + 125 °C                |
| Mating cycles/<br>Steckzyklen:                           | Quality class 3 = 50<br>Gütestufe 3 |

### Materials/

#### Werkstoffe:

|                                     |                                                                                                    |
|-------------------------------------|----------------------------------------------------------------------------------------------------|
| Contact/<br>Kontakt:                | Cu alloy, mating area/Steckbereich<br>Au over Ni<br>termination side/Anschluss Seite<br>Sn over Ni |
| Insulator/<br>Isolierkörper:        | PBT GF UL 94 V-0, green/grün                                                                       |
| Shell/<br>Gehäuse:                  | Steel, Sn over Ni                                                                                  |
| Threaded insert/<br>Gewindeeinsatz: | Cu alloy, Sn over Ni                                                                               |
| Metal bracket/<br>Metallwinkel:     | GD-Zn, Sn over Ni                                                                                  |
| PCB snap/<br>PCB Clip:              | Cu alloy, Sn over Ni                                                                               |

### Installation specification/

#### Montagedaten:

|                                                                             |                                                                                                                  |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Recommended torque value for thread/<br>empfohlenes Drehmoment für Gewinde: | max. 6 in.LB/<br>max. 67 Ncm                                                                                     |
| PCB clip for hole diameter/<br>PCB Clip für Lochdurchmesser:                | Ø3,1 mm                                                                                                          |
| Circuit board thickness/<br>Leiterplattenstärke:                            | 1,6 mm                                                                                                           |
| Contact assignment/<br>Kontakt Bestückung:                                  | Male contact on pos. A1/<br>Stiftkontakt auf Pos. A1<br>Female contact on pos. A2/<br>Buchsenkontakt auf Pos. A2 |

Part no. / Part marked  
Art.-Nr. / Bedruckung:

302W2CSXX73N40X

Contact plating/  
Kontakt Veredelung:

High power contact 20 A/  
Hochstromkontakt 20 A:

plating, mating area:  
Veredelung, Steckbereich:  
plating, termination side:  
Veredelung, Anschluss Seite:

gold flash over nickel  
Gold über Nickel  
tin over nickel  
Zinn über Nickel

|                         |  |                                                                                     |                                                                                      |              |                     |                                                                                      |           |            |
|-------------------------|--|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|---------------------|--------------------------------------------------------------------------------------|-----------|------------|
|                         |  |  |                                                                                      | dim. in mm   |                     | D-SUB Combination Female 2W2CS<br>with metal bracket, threaded insert and PCB snap   |           |            |
|                         |  | drawn/<br>gez.                                                                      | Date/Datum                                                                           | Name         |                     | D-SUB Combination Buchsenleiste 2W2CS<br>mit Metallwinkel, Innengewinde und PCB Clip |           |            |
|                         |  | appd./<br>gepr...                                                                   | 22.12.2017                                                                           | Lehmenkühler |                     |                                                                                      |           |            |
|                         |  |                                                                                     | 02.01.2018                                                                           | Henneboel    |                     |                                                                                      |           |            |
| Index: a Original       |  | Scale/Maßstab:<br><br>2:1                                                           |  |              | dwg no /<br>Z.-nr.: |                                                                                      | 13K1A5497 | DIN-<br>A3 |
| Status: InBearbeitung   |  |                                                                                     |                                                                                      |              |                     |                                                                                      |           |            |
| RoHS compliant/ konform |  |                                                                                     |                                                                                      |              |                     |                                                                                      |           | 1 / 1      |

D-SUB Combination Female 2W2CS  
with metal bracket, threaded insert and PCB snap  
D-SUB Combination Buchsenleiste 2W2CS  
mit Metallwinkel, Innengewinde und PCB Clip



dim. in mm

|                 |             |              |
|-----------------|-------------|--------------|
| drawn/<br>gez.  | Date/ Datum | Name         |
| appd./<br>gepr. | 22.12.2017  | Lehnenkühler |
|                 | 02.01.2018  | Henneboel    |

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