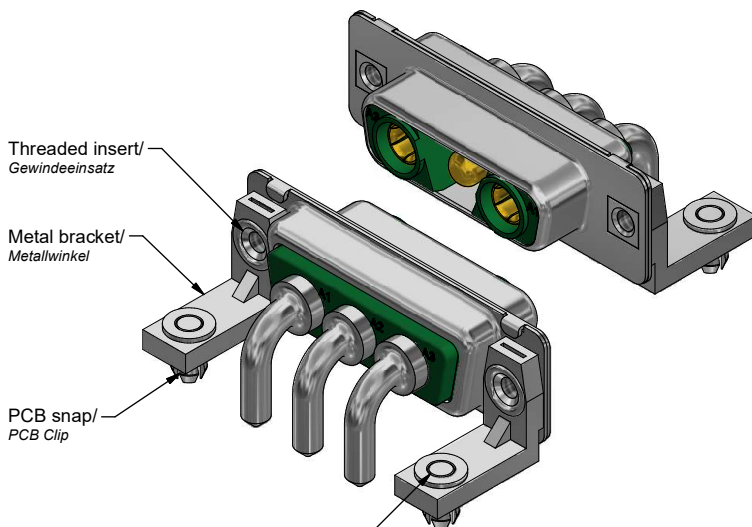




## Technical specification/

### 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/

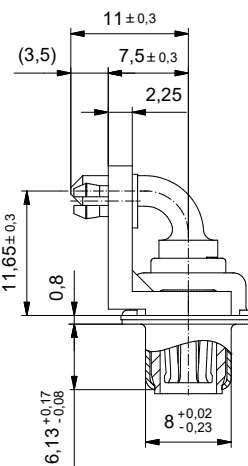
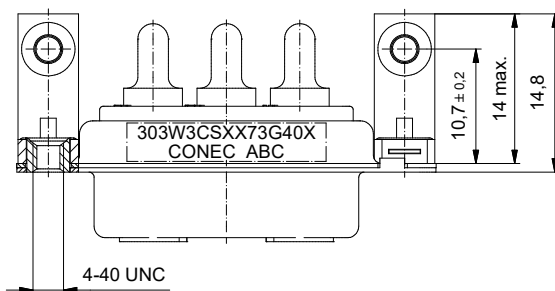
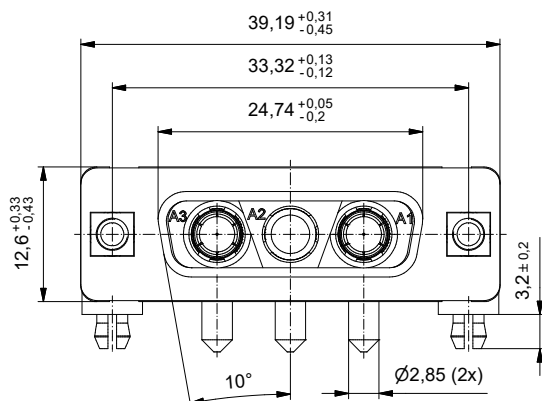
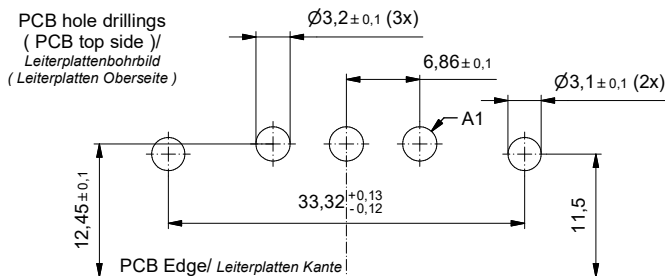
### Werkstoffe:

|                                     |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| 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                                                                                    |
| Metal bracket/<br>Metallwinkel:     | GD-Zn, Sn over Ni                                                                                    |
| Threaded insert/<br>Gewindeeinsatz: | Cu alloy, 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:                                  | Female contact on pos. A1 + A3/<br>Male contact on pos. A2<br>Buchsenkontakt an Pos. A1 + A3<br>Stiftkontakt an Pos. A2 |



|                                                  |  |                                                                                      |  |                                                                                          |                                            |
|--------------------------------------------------|--|--------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--------------------------------------------|
| Part no. / Part marked<br>Art.-Nr. / Bedruckung: |  | Contact plating/<br>Kontakt Veredelung:                                              |  |                                                                                          |                                            |
| 303W3CSXX73G40X                                  |  | High power contact 20 A /<br>Hochstromkontakt 20 A:                                  |  | Plating, mating area:<br>Veredelung, Steckbereich:                                       | Gold flash over nickel<br>Gold über Nickel |
|                                                  |  |                                                                                      |  | Plating, termination side:<br>Veredelung, Anschluss Seite:                               | Tin over nickel<br>Zinn über Nickel        |
|                                                  |  |   |  | dim. in mm                                                                               |                                            |
|                                                  |  |                                                                                      |  | D-SUB Combination Female 90° 3W3CS<br>with metal bracket, threaded insert and PCB snap   |                                            |
|                                                  |  |                                                                                      |  | D-SUB Combination Buchsenleiste 90° 3W3CS<br>mit Metallwinkel, Innengewinde und PCB Clip |                                            |
| Index: a Original                                |  | scale/ Maßstab:                                                                      |  | dwg no /<br>Z.-nr.:                                                                      |                                            |
| Status: Freigegeben                              |  | 2:1                                                                                  |  | 13K1A6088                                                                                |                                            |
| RoHS compliant/ konform                          |  |  |  | DIN-<br>A3                                                                               |                                            |
|                                                  |  |                                                                                      |  | 1 / 1                                                                                    |                                            |



dim. in mm

|                 |            |           |
|-----------------|------------|-----------|
| drawn/<br>gez.  | Date/Datum | Name      |
| appd./<br>gepr. | 03.06.2020 | Bub       |
|                 | 03.06.2020 | Henneboel |

**CONEC**