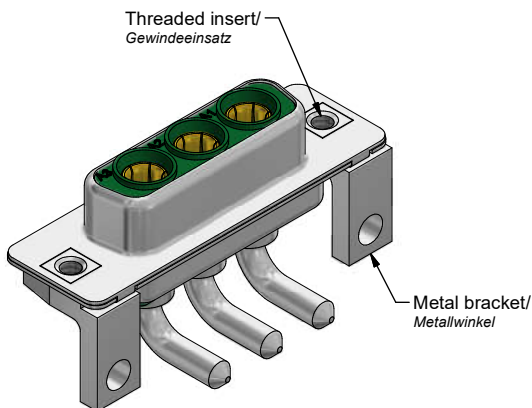
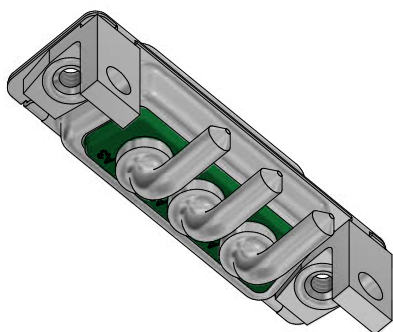




## Technical specification/

### Technische Daten:

|                                                          |                                             |
|----------------------------------------------------------|---------------------------------------------|
| Dielectric withstanding voltage/<br>Spannungsfestigkeit: | 1000 V, 50 Hz 1 min.                        |
| Current rating/<br>Strombelastbarkeit:                   | High power contact 20 A<br>Hochstromkontakt |
| Insulation resistance/<br>Isolationswiderstand:          | $\geq 5 \text{ G}\Omega$                    |
| 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                                                                                  |

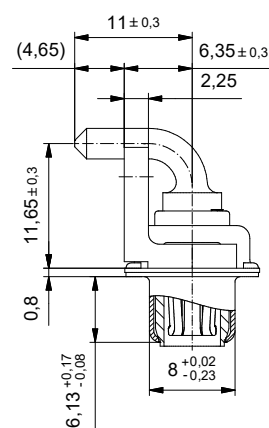
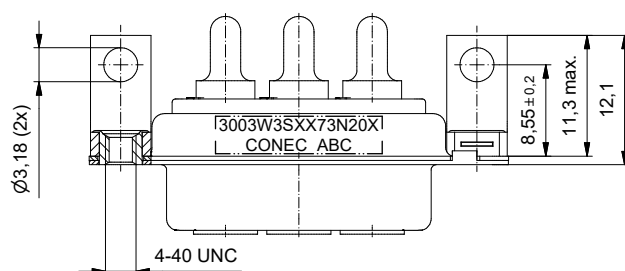
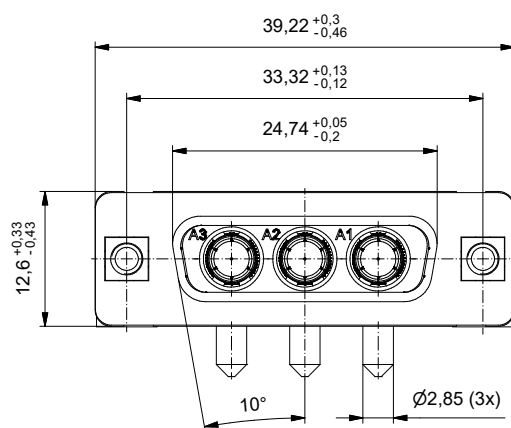
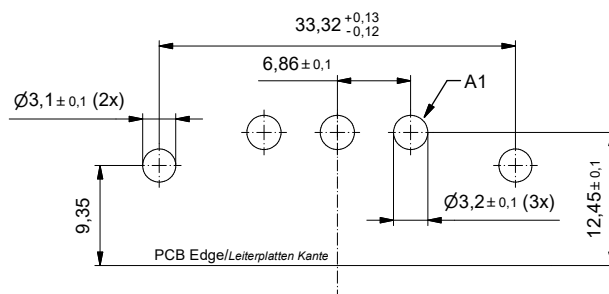
## Installation specification/

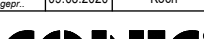
### Montagedaten:

|                                                                             |                               |
|-----------------------------------------------------------------------------|-------------------------------|
| Recommended torque value for thread/<br>Empfohlenes Drehmoment für Gewinde: | max. 6 in.LB/<br>max. 67 Ncm  |
| PCB hole drillings/<br>Leiterplattenbohrbild:                               | see sheet 2/<br>siehe Seite 2 |

|                                                   |                                                    |                                                           |                                                                                                                                                        |                               |
|---------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Part no. / Part marked/<br>Art.-Nr. / Bedruckung: | Contact plating/<br>Kontakt Veredelung:            |                                                           |                                                                                                                                                        |                               |
| 3003W3SXX73N20X                                   | 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 3W3S<br>with threaded insert and metal bracket<br>D-SUB Combination Buchsenleiste 3W3S<br>mit Gewindeeinsatz und Metallwinkel |                               |
|                                                   |                                                    | Date/Datum                                                |                                                                                                                                                        |                               |
|                                                   |                                                    | Name                                                      |                                                                                                                                                        |                               |
|                                                   |                                                    | drawn/<br>gez.                                            |                                                                                                                                                        |                               |
|                                                   |                                                    | 09.03.2020                                                |                                                                                                                                                        |                               |
|                                                   |                                                    | appd./<br>gepr.                                           |                                                                                                                                                        |                               |
|                                                   |                                                    | 09.03.2020                                                |                                                                                                                                                        |                               |
| Index: a Original                                 | scale/1:1/stab:                                    | CONEC®                                                    |                                                                                                                                                        | dwg no /<br>Z.-nr.: 13K1A5986 |
| Status: Freigegeben                               | 2:1                                                |                                                           |                                                                                                                                                        | DIN-A3                        |
| RoHS compliant/ konform                           |                                                    |                                                           |                                                                                                                                                        | 1 / 2                         |

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



|                                |                           |                                                                                                |                                        |                                                                                                                                                                        |            |
|--------------------------------|---------------------------|------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                                |                           |  dim. in mm |                                        | D-SUB Combination Female 3W3S<br>with threaded insert and metal bracket<br><i>D-SUB Combination Buchsenleiste 3W3S<br/>         mit Gewindeinsatz und Metallwinkel</i> |            |
|                                |                           | drawn/<br>gez.<br>appd./<br>gepr.:                                                             | Date/Datum<br>09.03.2020<br>09.03.2020 | Name<br>Lehmenkühler<br>Koch                                                                                                                                           |            |
| Index: a Original              | scale/Maßstab:<br><br>2:1 |            |                                        | dwg no /<br>Z.-nr.:                                                                                                                                                    | 13K1A5986  |
| Status: Freigegeben            |                           |                                                                                                |                                        |                                                                                                                                                                        | DIN-<br>A3 |
| RoHS compliant/ <i>konform</i> |                           |                                                                                                |                                        |                                                                                                                                                                        | 2 / 2      |

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