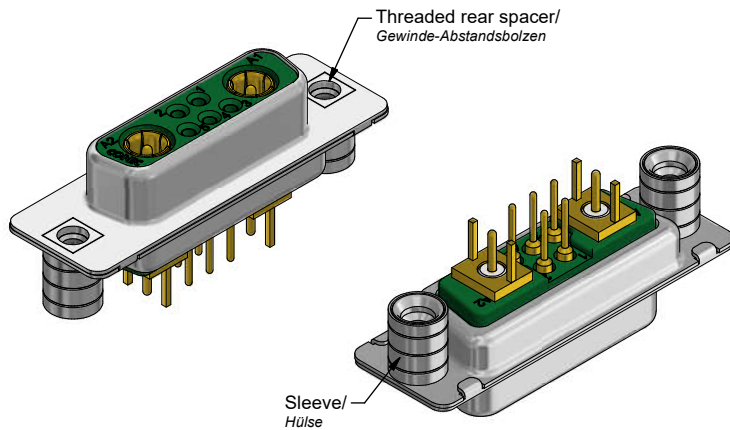
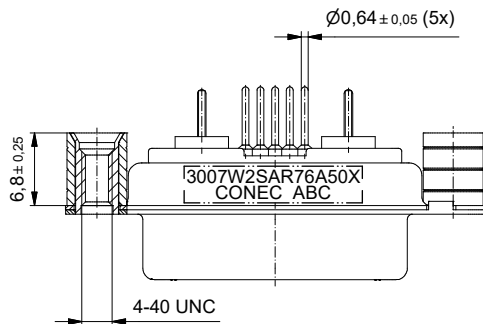
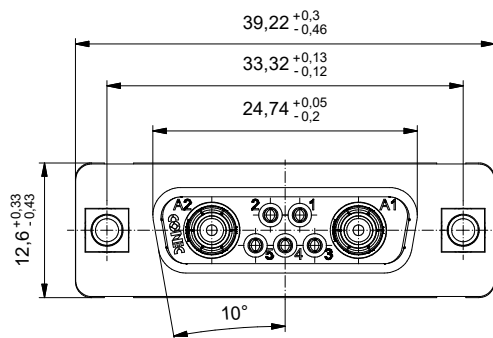
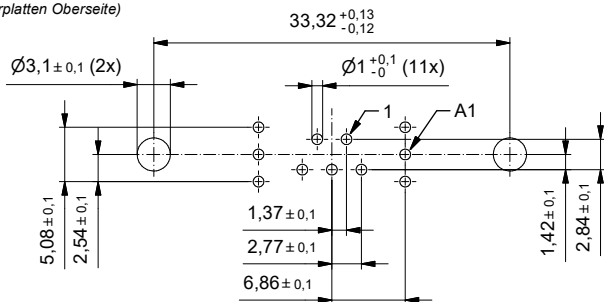




PCB hole drillings  
(PCB top side)/  
Leiterplattenbohrbild  
(Leiterplatten Oberseite)



## Technical specification/

### Technische Daten:

|                                                          |                                                               |
|----------------------------------------------------------|---------------------------------------------------------------|
| Dielectric withstanding voltage/<br>Spannungsfestigkeit: | 1000 V, 50 Hz 1 min.                                          |
| Current rating/<br>Strombelastbarkeit:                   | Signal contact/<br>Signalkontakt 7,5 A (UL),<br>5 A (CSA,VDE) |
| Impedance/<br>Impedanz:                                  | Coaxial contact/<br>Koaxialkontakt 50 Ohm                     |
| 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                           |
| Signal contact/<br>Signalkontakt:                        | Quality class 1 = 500<br>Gütestufe 1                          |
| Coaxial contact/<br>Koaxialkontakt:                      |                                                               |

## Materials/

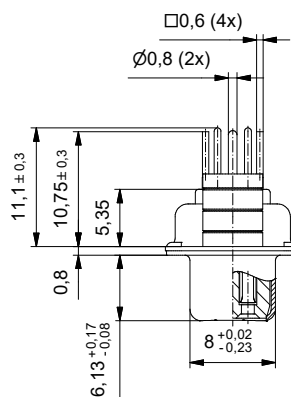
### Werkstoffe:

|                                                  |                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Signal contact/<br>Signalkontakt:                | Cu alloy, Au over Ni                                                                              |
| Coaxial contact/<br>Koaxialkontakt:              | Cu alloy, inner conductor/Innenleiter<br>Au over Ni<br>outer conductor/Aussenleiter<br>Au over Ni |
| Insulator/<br>Isolierkörper:                     | PBT GF UL 94 V-0, green/grün                                                                      |
| Shell/<br>Gehäuse:                               | Steel, Sn over Ni                                                                                 |
| Threaded rear spacer/<br>Gewinde-Abstandsbolzen: | Cu alloy, Sn over Ni                                                                              |
| Sleeve/<br>Hülse:                                | 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 |
|-----------------------------------------------------------------------------|------------------------------|



| Part no. / Part marked/<br>Art.-Nr. / Bedruckung: | Contact plating/<br>Kontakt Veredelung:           |                                                                                                                 |                                                                                                                                  |
|---------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 3007W2SAR76A50X                                   | Signal contact<br>Signalkontakt:                  | gold flash over nickel<br>Gold über Nickel                                                                      |                                                                                                                                  |
|                                                   | Coaxial contact 50 Ohm/<br>Koaxialkontakt 50 Ohm: | plating, inner conductor/<br>Veredelung, Innenleiter:<br>plating, outer conductor/<br>Veredelung, Aussenleiter: | 50 µin hard gold over min. 50 µin nickel<br>50 µin Gold über min. 50 µin Nickel                                                  |
|                                                   |                                                   | mating area/<br>Steckbereich:<br>termination side/<br>Anschluss Seite:                                          | 30 µin hard gold over min. 50 µin nickel<br>30 µin Gold über min. 50 µin Nickel<br>gold flash over nickel<br>Gold über Nickel    |
|                                                   |                                                   |                                                                                                                 |                                                                                                                                  |
|                                                   |                                                   | dim. in mm                                                                                                      | D-SUB Combination Female 7W2S<br>with threaded rear spacer<br>D-SUB Combination Buchsenleiste 7W2S<br>mit Gewinde-Abstandsbolzen |
|                                                   |                                                   | drawn/<br>gez.<br>appd./<br>gepr.                                                                               | Date/Datum<br>04.05.2020<br>Name<br>Lehmenkühler<br>04.05.2020<br>Henneboel                                                      |
| Index: a Original                                 | Scale/1:1                                         | dwg no /<br>Z.-nr.: 13K1A6035                                                                                   |                                                                                                                                  |
| Status: Freigegeben                               | 2:1                                               | DIN-A3                                                                                                          |                                                                                                                                  |
| RoHS compliant/konform                            |                                                   | 1 / 1                                                                                                           |                                                                                                                                  |

**CONEC**