

## b) Technical specification:

### Technische Daten:

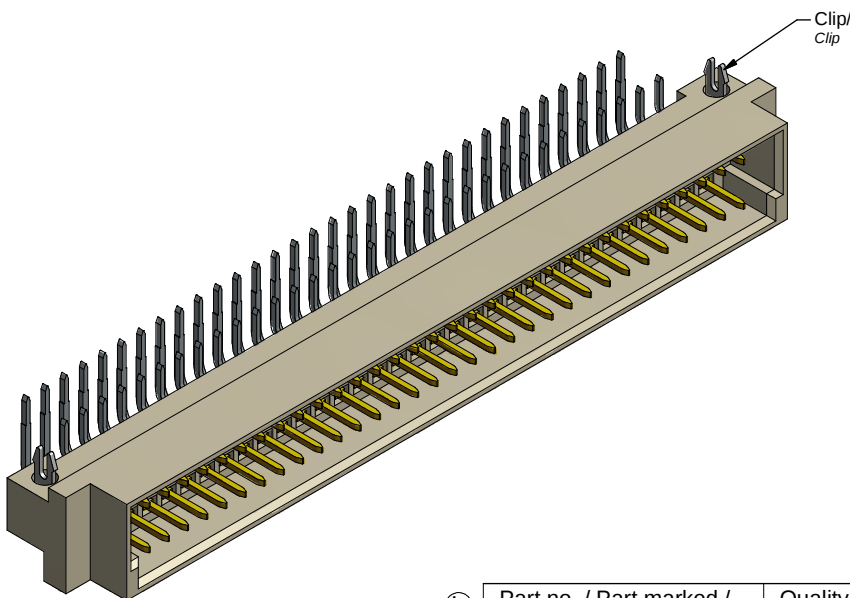
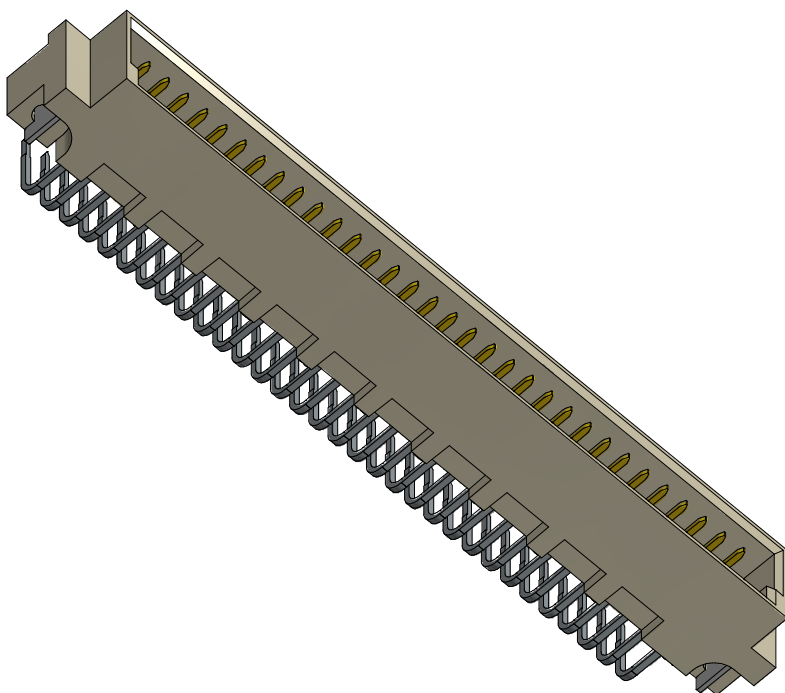
|                                                                     |                                                                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Working voltage/<br>Betriebsspannung:                               | 250 V AC                                                                                                            |
| Initial contact<br>resistance/<br>Anfangs-<br>Durchgangswiderstand: | $\leq 20 \text{ m}\Omega$                                                                                           |
| Temperature range/<br>Temperaturbereich:                            | -55 °C ... +125 °C                                                                                                  |
| Mating cycles/<br>Steckzyklen:                                      | Quality class 1 = 500<br>Gütestufe 1<br>Quality class 2 = 400<br>Gütestufe 2<br>Quality class 3 = 50<br>Gütestufe 3 |

### Materials/ Werkstoffe:

|                              |                             |
|------------------------------|-----------------------------|
| Contact/<br>Kontakt:         | Cu alloy, Au over Ni        |
| Insulator/<br>Isolierkörper: | PBT GF UL 94 V-0, grey/grau |
| Clip/<br>Clip:               | Cu alloy                    |

### Installation specification/ Montagedaten:

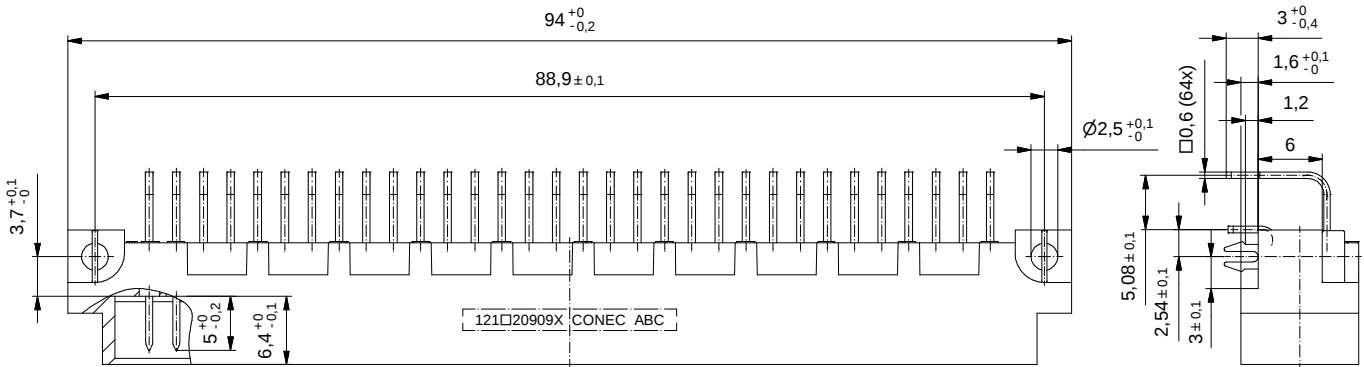
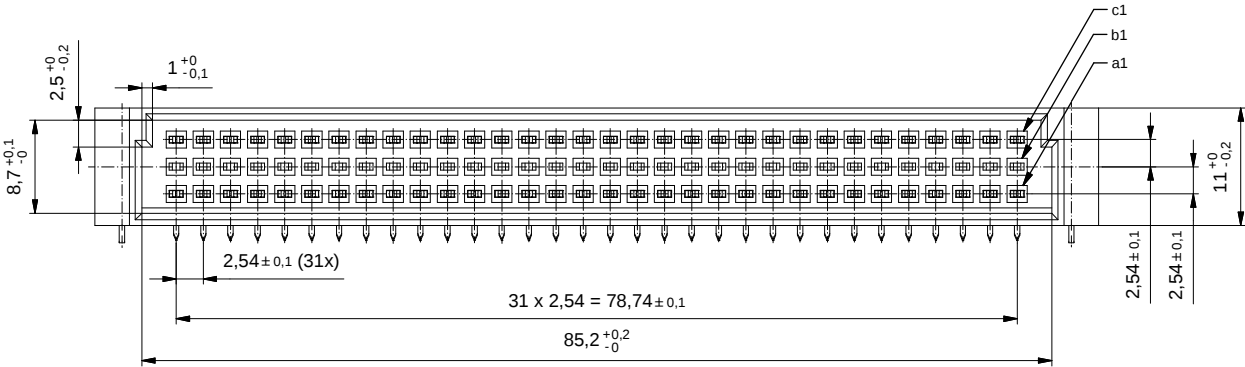
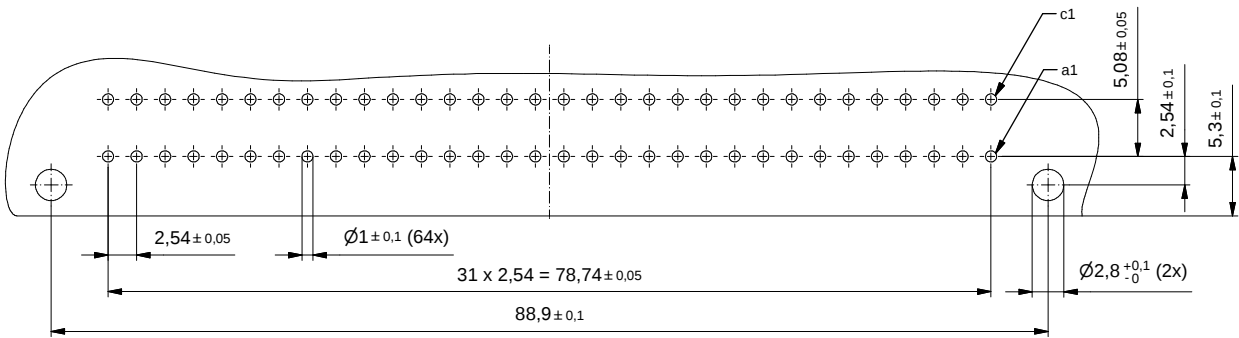
|                                                                    |                               |
|--------------------------------------------------------------------|-------------------------------|
| PCB-Hole drillings/<br>Leiterplattenbohrbild:                      | see Sheet 2/<br>siehe Seite 2 |
| PCB clip for hole<br>diameter/<br>PCB Clip für<br>Lochdurchmesser: | $\varnothing 2,8 \text{ mm}$  |
| PCB thickness/<br>Leiterplatten Dicke:                             | 1,6 mm                        |



| Part no. / Part marked /<br>Art.-Nr. / Bedruckung: | Quality class/<br>Gütestufe: | Contact plating /<br>Kontakt Veredelung:                                   |
|----------------------------------------------------|------------------------------|----------------------------------------------------------------------------|
| 121A20909X                                         | 3                            | Gold over nickel / 50 mating cycles<br>Gold über Nickel / 50 Steckzyklen   |
| 121B20909X                                         | 2                            | Gold over nickel / 400 mating cycles<br>Gold über Nickel / 400 Steckzyklen |
| 121C20909X                                         | 1                            | Gold over nickel / 500 mating cycles<br>Gold über Nickel / 500 Steckzyklen |

|                                |  |                                                                                     |                                                                                      |            |              |                                                                                                                                |  |            |
|--------------------------------|--|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|--|------------|
|                                |  |  |                                                                                      | dim. in mm |              | Male Connector Type "C"<br>64pos. Solder pin angled with clip<br>Messerleiste Type "C"<br>64pol. Lötstift abgewinkelt mit Clip |  |            |
|                                |  | drawn/<br>gez.                                                                      |                                                                                      | Date/Datum | Name         |                                                                                                                                |  |            |
|                                |  | appd./<br>gepr.                                                                     |                                                                                      | 11.03.2010 | Lehmenkühler |                                                                                                                                |  |            |
|                                |  |                                                                                     |                                                                                      | 11.03.2010 | Mickenbecker |                                                                                                                                |  |            |
| Index: b Ä6517 09.02.2017 L.U. |  | scale/Maßstab:<br><br>2 : 1                                                         |  |            |              | dwg no /<br>Z.-nr.: 12K1A662                                                                                                   |  | DIN-<br>A3 |
| Status: InBearbeitung          |  |                                                                                     |                                                                                      |            |              |                                                                                                                                |  |            |
| RoHS compliant/konform         |  |                                                                                     |                                                                                      |            |              |                                                                                                                                |  | 1 / 2      |

PCB Hole drillings (PCB Top side)/  
Leiterplattenbohrbild (Leiterplatten Oberseite)



|                                |                         |                                                                                                |                          |                                                                                                                                |                              |
|--------------------------------|-------------------------|------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|                                |                         |  dim. in mm |                          | Male Connector Type "C"<br>64pos. Solder pin angled with clip<br>Messerleiste Type "C"<br>64pol. Lötstift abgewinkelt mit Clip |                              |
|                                |                         | drawn/<br>gez.                                                                                 | Date/Datum<br>11.03.2010 | Name<br>Lehmenkühler                                                                                                           | dwg no /<br>Z.-nr.: 12K1A662 |
|                                |                         | appd./<br>gepr.                                                                                | 11.03.2010               | Mickenbecker                                                                                                                   |                              |
| Index: b Ä6517 09.02.2017 L.U. | scale/Maßstab:<br>2 : 1 |            |                          |                                                                                                                                | DIN-A3                       |
| Status: InBearbeitung          |                         |                                                                                                |                          |                                                                                                                                | 2 / 2                        |
| RoHS compliant/konform         |                         |                                                                                                |                          |                                                                                                                                |                              |