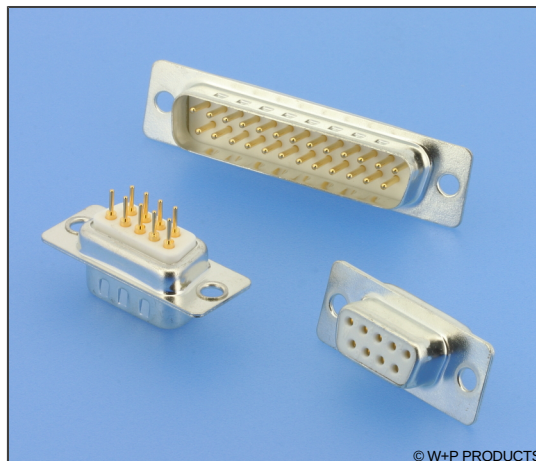


# D-Sub Steckverbinder, gerade, Lötstifte, gestanzte Kontakte

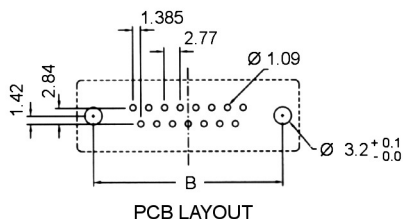
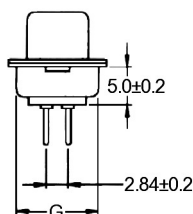
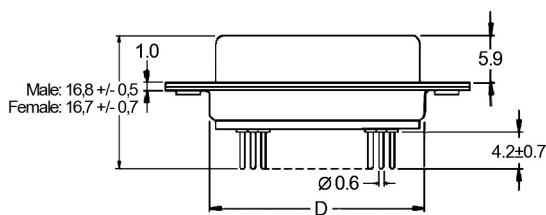
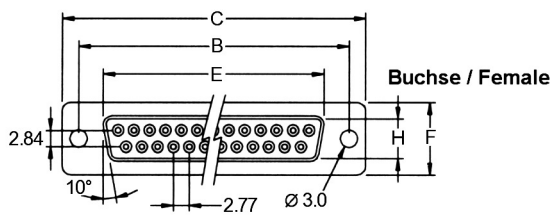
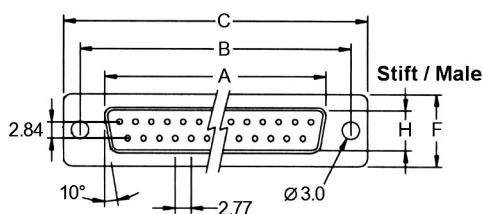
## D-Sub Connectors, Straight, Solder Pins, Stamped Contacts

### Technische Daten / Technical Data

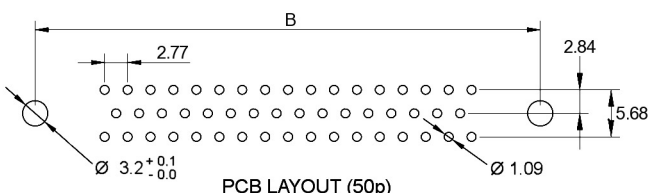
|                           |                                   |
|---------------------------|-----------------------------------|
| Gehäuse                   | Stahl vernickelt, verzinkt        |
| Shell                     | Steel, nickel plated, tin plated  |
| Isolierkörper             | Thermoplast, nach UL94 V-0        |
| Insulator                 | Thermoplastic, rated UL94 V-0     |
| Kontaktmaterial           | Kupferlegierung                   |
| Contact Material          | Copper alloy                      |
| Kontaktfläche             | Gold über Nickel                  |
| Contact Surface           | Gold over nickel                  |
| RoHS-Ausnahmen 6a-I / 6c  | keine; mit Befestigungsoption: ja |
| RoHS Exemptions 6a-I / 6c | none; with mounting options: yes  |
| Durchgangswiderstand      | < 20 mΩ                           |
| Contact Resistance        | < 20 mΩ                           |
| Isolationswiderstand      | > 1000 MΩ                         |
| Insulation Resistance     | > 1000 MΩ                         |
| Spannungsfestigkeit       | 1 kV AC                           |
| Test Voltage              | 1 kV AC                           |
| Nennstrom                 | 5 A                               |
| Current Rating            | 5 A                               |
| Temperaturbereich         | -55 °C ... +125 °C                |
| Temperature Range         | -55 °C ... +125 °C                |
| Verarbeitung              | Wellenlötverfahren                |
| Processing                | Wave soldering                    |



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PCB LAYOUT



PCB LAYOUT (50p)

| n           | A     | B     | C     | D     | E     | F     | G     | H (M/F)     |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------------|
| 09          | 16,92 | 24,99 | 30,81 | 19,28 | 16,33 | 12,55 | 10,72 | 8.36/7.90   |
| 15          | 25,25 | 33,32 | 39,14 | 27,51 | 24,66 | 12,55 | 10,72 | 8.36/7.90   |
| 25          | 38,96 | 47,04 | 53,04 | 41,30 | 38,38 | 12,55 | 10,72 | 8.36/7.90   |
| 37          | 55,42 | 63,50 | 69,32 | 57,71 | 54,84 | 12,55 | 10,72 | 8.36/7.90   |
| 50 (3 rows) | 52,86 | 61,11 | 66,90 | 55,30 | 52,34 | 15,30 | 13,40 | 11.10/10.90 |

### Series

106

106 Gestanzte Kontakte  
Stamped contacts

### Contacts\*

15

09/15/25/37/50

### Terminal\*

2

1 Stift  
Male  
2 Buchse  
Female

### Quality

3

3 GK 3, min. 50 Steckzyklen  
QC 3, min. 50 cycles

### Mounting\*

0

0-6/B1/B2/BL/CL Lt. Tech. Info.  
See Tech. Info.

\* Dies ist ein **Bestellbeispiel** -  
bitte durch Ihre Spezifikationen ersetzen.  
\* This is an **order example** -  
please replace by your specifications.

wppro.com/serie/XXX  
wppro.com/en/serie/XXX

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.  
Design and/or technical specifications may change without prior notice.

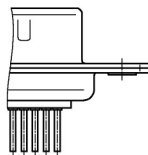
**W+P**  
WE CONNECT IT

(+49) 5223 98507-0  
sales@wppro.com

## D-Sub Befestigungsoptionen Mounting Options

### Durchgangsloch / Through Hole

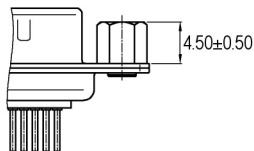
**0** Durchgangsloch 3,05mm  
3.05mm Through Hole



### Gewindeniet vorn / Thread Rivet Front

**B1** Gewindeniet UNC 4-40 (Anzugdrehmoment 0,4 Nm max.)  
UNC 4-40 Thread Rivet (Tightening Torque 0.4 Nm max.)

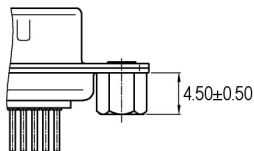
**B2** Gewindeniet M3 (Anzugdrehmoment 0,3 Nm max.)  
M3 Thread Rivet (Tightening Torque 0.3 Nm max.)



### Gewindeniet hinten / Thread Rivet Back

**1** Gewindeniet UNC 4-40 (Anzugdrehmoment 0,4 Nm max.)  
UNC 4-40 Thread Rivet (Tightening Torque 0.4 Nm max.)

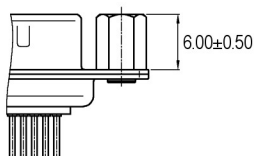
**2** Gewindeniet M3 (Anzugdrehmoment 0,3 Nm max.)  
M3 Thread Rivet (Tightening Torque 0.3 Nm max.)



### Gewindebolzen vorn / Thread Bolt Front

**3** Gewindebolzen UNC 4-40 (Anzugdrehmoment 0,4 Nm max.)  
UNC 4-40 Thread Bolt (Tightening Torque 0.4 Nm max.)

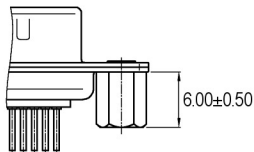
**4** Gewindebolzen M3 (Anzugdrehmoment 0,3 Nm max.)  
M3 Thread Bolt (Tightening Torque 0.3 Nm max.)



### Gewindebolzen hinten / Thread Bolt Back

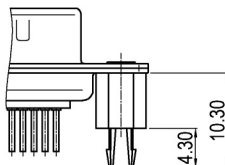
**5** Gewindebolzen UNC 4-40 (Anzugdrehmoment 0,4 Nm max.)  
UNC 4-40 Thread Bolt (Tightening Torque 0.4 Nm max.)

**6** Gewindebolzen M3 (Anzugdrehmoment 0,3 Nm max.)  
M3 Thread Bolt (Tightening Torque 0.3 Nm max.)



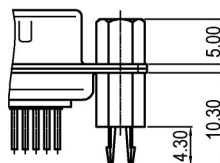
### Board Locks

**BL** Board Lock mit UNC 4-40 Gewinde (Anzugdrehmoment 0,4 Nm max.)  
Board Lock with UNC 4-40 Thread (Tightening Torque 0.4 Nm max.)



### Combi-Locks

**CL** Combi-Lock mit UNC 4-40 Gewinde (Anzugdrehmoment 0,4 Nm max.)  
Combi Lock with UNC 4-40 Thread (Tightening Torque 0.4 Nm max.)



### Empfehlungen für das Wellenlötverfahren

#### Recommendations for Wave Soldering

Die Bauteile sollten bei einer Lötbadtemperatur von 260°C in max. 5 Sekunden verlötet werden.

Empfohlenes Wellenlötprofil:

