

D-Sub /  
D-Sub cover /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Switches

Powerinlets  
Poweroutlets

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

Pin header  
Female header  
Sockets / Jumper

Terminal Blocks

Memory Card  
connectors

FFC / FPC

Micro -  
Miniature

Die Firma ASSMANN WSW components bietet unter der Produktbezeichnung 'MULTIFLEX' eine breite Produktpalette von Schneidklemmsteckverbindern, die entsprechend der DIN 41651 hergestellt wird.

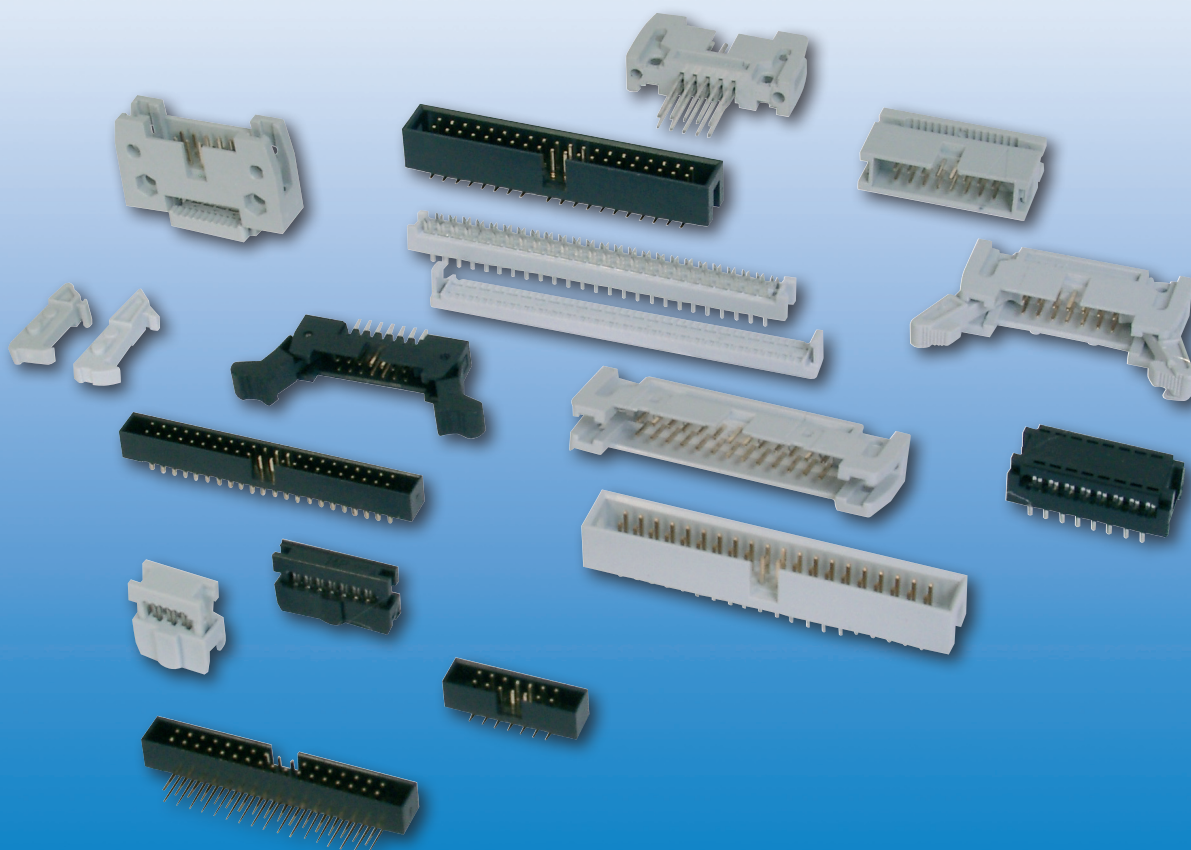
Diese Produkte finden ihren Einsatz in nahezu allen Anwendungsbereichen, angefangen vom Computer-, Industrie-, und Telekommunikationsmarkt, bis hin zum Automobilhersteller. Diese Produkttechnologie ermöglicht die kostengünstige Verbindung von Leiterplatten über lösbare und nicht lösbare Kabelkonfektionen in einer über Jahrzehnte erprobten Verarbeitungsweise. Hierbei sind die Kontakte der Kabelverbinder mit Schneidklemmkontakten versehen, die durch ihr Design beim Verpressen des Kabels mit dem Kontakt eine gasdichte Verbindung ergeben.

Neben dem traditionell stark genutzten Kontaktraster von 2,54mm sind diese Steckverbinder auch im Raster 2,00mm erhältlich. Das verwendete Kabel weist hierbei ein Raster von 1,27mm bzw. 1,00mm auf. Bei dieser Produktfamilie entfällt das ansonsten kostenintensive Abisolieren, Verzinnen, Vercrimpen und Stecken eines einzelnen Kabelstrangs, wie beim Crimpen üblich. Die Gehäuse sind mit einer Mittenpolarisation ausgestattet, die gegen ein Verdrehen des Steckers im Gegenstück unmöglich macht. Die Produkte sind maschinell, aber auch mit einfachsten Handhebelpressen zu verarbeiten.

ASSMANN WSW components offers under the product family 'MULTIFLEX' a full range of IDC connectors, produced according to DIN 41651.

Those products are used in more or less every known application within computer-, industrial-, telecommunication and specific automotive markets. This product technology allows cost effective connections between printed circuit boards based on removable or permanent connections based on a longterm proofed way of assembly. Contact concept of MULTIFLEX cable connectors is designed for insulation displacement proof for gas-tight connection.

MULTIFLEX connectors are available with the traditionally used pitch of 2.54mm and the pitch of 2.00mm. The specified cable do have 1.27mm pitch and 1.00mm pitch. Using IDC technology compared with crimp technology a lot of advantage become obviously, eg.: no stripping, soldering, crimping or stitching of single cable strands. The insulator housing does show a center polarization, which avoids mating failures. Assembly can be done automatic, semiautomatic and with simplest hand press tools.

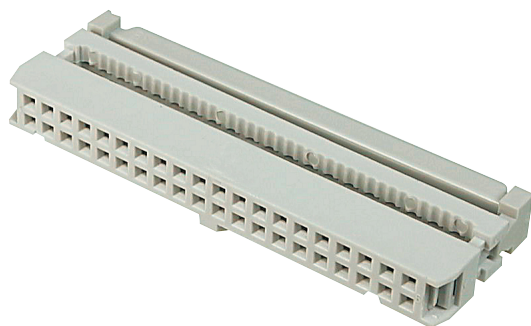


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|                                                   |
|---------------------------------------------------|
| D-Sub /<br>D-Sub Hauben /<br>Centronics           |
| Multiflex -<br>DIN 41651                          |
| Modular                                           |
| USB<br>IEEE 1394                                  |
| Schalter                                          |
| Einbaustecker<br>Einbaubuchsen                    |
| DIN 41612<br>DIN 41617<br>Hard Metric             |
| MiniDIN                                           |
| Stiftleisten<br>Buchsenleisten<br>Sockel / Jumper |
| Klemmleisten                                      |
| Speicherkarten<br>Steckverbinder                  |
| FFC / FPC                                         |
| Micro-<br>Miniature                               |



**Isolierkörpermaterial**  
PBT, UL94V-0

**Kontaktmaterial**  
Messing

**Kontaktoberfläche**  
Ni, Au / Sn

**Kontaktwiderstand**  
20mΩ max

**Isolationswiderstand**  
1000MΩ min

**Strombelastbarkeit**  
3A

**Betriebstemperatur**  
-40°C - +105°C

**Betriebsspannung**  
250V AC

**Prüfspannung**  
1000V AC/DC

**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0

**Contact material**  
Brass

**Plating**  
Ni, Au / Sn

**Contact resistance**  
20mΩ max

**Insulation resistance**  
1000MΩ min

**Current rating**  
3A

**Operating temperature**  
-40°C to +105°C

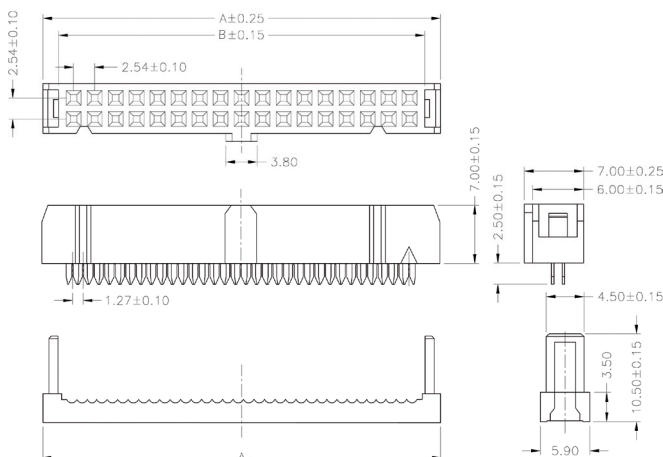
**Operating voltage**  
250V AC

**Test voltage**  
1000V AC

**Packing**  
Tray packing

#### Dimensions

| No. of Contacts | A     | B     |
|-----------------|-------|-------|
| 06              | 12.54 | 5.08  |
| 08              | 15.08 | 7.62  |
| 10              | 17.62 | 10.16 |
| 14              | 22.70 | 15.24 |
| 16              | 25.24 | 17.78 |
| 20              | 30.32 | 22.86 |
| 26              | 37.94 | 30.48 |
| 34              | 48.10 | 40.64 |
| 40              | 55.72 | 48.26 |
| 50              | 68.42 | 60.96 |
| 60              | 81.12 | 73.66 |
| 64              | 86.20 | 78.74 |



Bestellcode / Ordercode

**Polzahl**

06 / 08 / 10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

**Mittenpolarisation**

7 - mit Mittenpolarisation\*  
8 - ohne Mittenpolarisation

**Beschichtung\***

5 - vollverzinnt  
2 - Gold flash (selectiv)

**Zugentlastungsbügel**

0 - ohne Zugentlastung\*  
1 - mit Zugentlastung

**No. of contacts**

06 / 08 / 10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

**central polarisation**

7 - with central polarisation\*  
8 - without central polarisation

**Plating\***

5 - Tinned  
2 - Gold flash (selective)

**strain reliefs\***

0 - without strain relief\*  
1 - with strain relief

**AWP** **xx** - **x** **x** **4** **x** **T**

Zugentlastung separat / strain relief separate (xx = No. of contacts)

**AWZ - xx - T**

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

\* Standard

\* Standard

**Isolierkörpermaterial**

PBT, UL94V-0

**Kontaktmaterial**

Phosphorbronze

**Kontaktoberfläche**

Ni, AU / Sn

**Kontaktwiderstand**

20mΩ max

**Isolationswiderstand**

1000MΩ min

**Strombelastbarkeit**

1A

**Betriebstemperatur**

-40°C - +105°C

**Betriebsspannung**

125V AC

**Prüfspannung**

1000V AC

**Verpackung**

Blisterverpackung

**Insulator material**

PBT, UL94V-0

**Contact material**

Phosphor bronze

**Plating**

Ni, Au / Sn

**Contact resistance**

20mΩ max

**Insulation resistance**

1000MΩ min

**Current rating**

1A

**Operating temperature**

-40°C to +105°C

**Operating voltage**

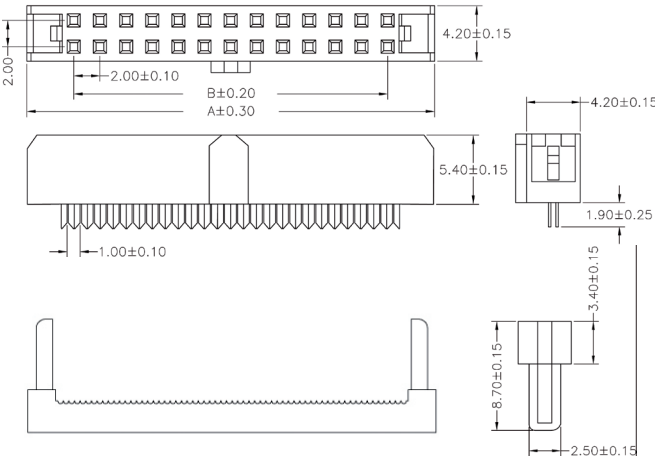
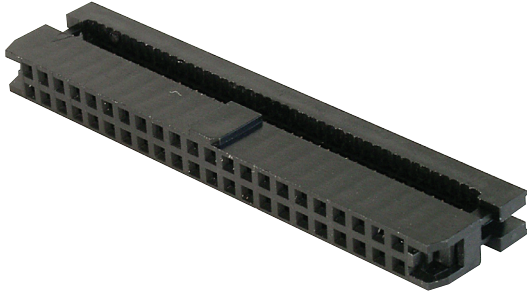
1250V AC

**Test voltage**

1000V AC

**Packing**

Tray packing



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of Contacts | A     | B     |
| 10              | 15.20 | 8.00  |
| 14              | 19.20 | 12.00 |
| 16              | 21.20 | 14.00 |
| 20              | 25.20 | 18.00 |
| 26              | 31.20 | 24.00 |
| 34              | 39.20 | 32.00 |
| 40              | 45.20 | 38.00 |
| 44              | 49.20 | 42.00 |
| 50              | 55.20 | 48.00 |

**Bestellcode / Ordercode**

**Polzahl**

10 / 14 / 16 / 20 / 26 / 34 / 40 /  
44 / 50

**No. of contacts**

10 / 14 / 16 / 20 / 26 / 34 / 40 /  
44 / 50

7 - mit Mittelpolarisation

7 - with central polarisation

2 - Gold flash (selectiv)

2 - Gold flash (selective)

0 - ohne Zugentlastung

0 - without strain relief

**AWP2** **xx** - **7** **2** **4** **0**

Zugentlastung separat / strain relief separate (xx = No. of contacts)

**AWZ2 - xx**

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

D-Sub /  
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Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

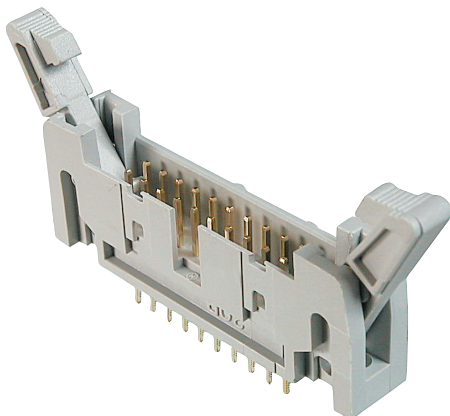
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

Micro-  
Miniature



**Isolierkörpermaterial**  
PBT, UL94V-0

**Kontaktmaterial**  
Messing

**Kontaktoberfläche**  
Ni, Au / Sn

**Kontaktwiderstand**  
20mΩ max

**Isolationswiderstand**  
1000MΩ min

**Strombelastbarkeit**  
3A

**Betriebstemperatur**  
-40°C - +105°C

**Betriebsspannung**  
250V AC

**Prüfspannung**  
1000V AC

**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0

**Contact material**  
Brass

**Plating**  
Ni, Au / Sn

**Contact resistance**  
20mΩ max

**Insulation resistance**  
1000MΩ min

**Current rating**  
3A

**Operating temperature**  
-40°C to +105°C

**Operating voltage**  
250V AC

**Test voltage**  
1000V AC

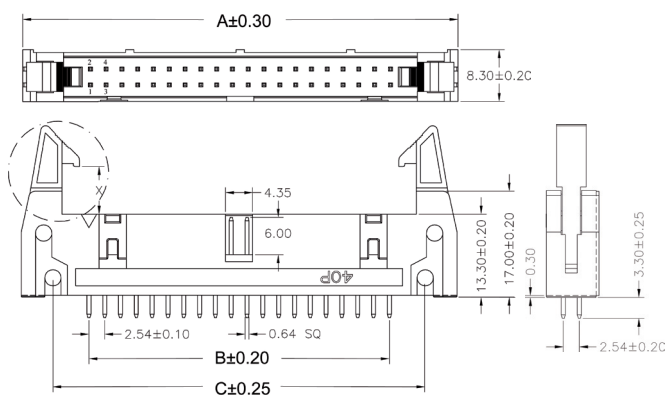
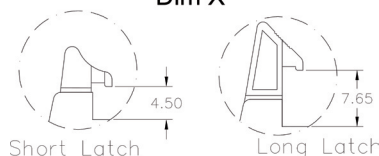
**Packing**  
Tray packing

#### Dimensions

| No. of Contacts | A      | B     | C     |
|-----------------|--------|-------|-------|
| 10              | 31.90  | 10.16 | 21.90 |
| 14              | 36.98  | 15.24 | 26.98 |
| 16              | 39.52  | 17.78 | 29.52 |
| 20              | 44.60  | 22.86 | 34.60 |
| 26              | 52.22  | 30.48 | 42.22 |
| 34              | 62.38  | 40.64 | 52.38 |
| 40              | 70.00  | 48.26 | 60.00 |
| 50              | 82.70  | 60.96 | 72.70 |
| 60              | 95.40  | 73.66 | 85.40 |
| 64              | 100.48 | 78.74 | 90.48 |



#### Dim X



#### Bestellcode / Ordercode

#### Polzahl

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

#### Beschichtung

5 - vollverzinnt  
2 - Gold flash\* (selektiv)

#### Verriegelungsclips

0 - ohne Verriegelungsclips\*  
2 - mit kurzen Verriegelungsclips  
3 - mit langem Verriegelungsclips

#### No. of contacts

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

#### Plating\*

5 - Tinned  
2 - Gold flash\* (selective)

#### Latches

0 - without latches\*  
2 - with short latches  
3 - with long latches

**AWH** **xx** **G** **- 0** **x** **x** **2** **- T**

Verriegelungsclips separat / Latches separate

**AWHCLIP LONG** (lang / long)

**AWHCLIP XSHORT** (kurz / short)

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

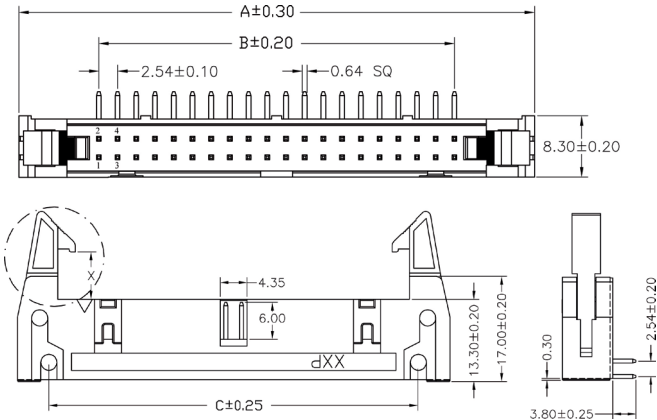
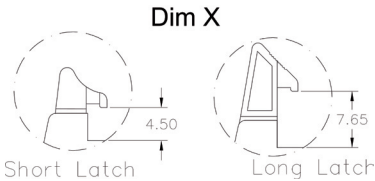
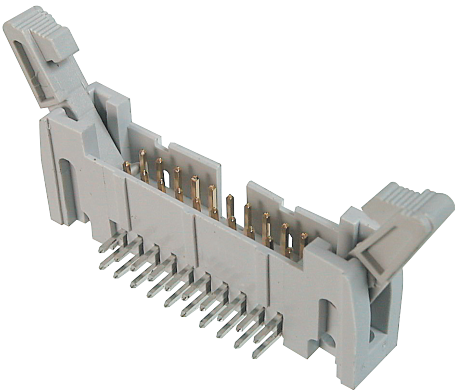
\* Standard

\* Standard

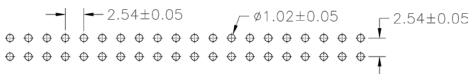
Steckerleisten, 10 - 64 polig, abgewinkelt, Raster 2,54mm x 2,54mm  
Header, 10 - 64 contacts, right-angled, pitch 2.54mm x 2.54mm

**Isolierkörpermaterial**  
PBT, UL94V-0  
**Kontaktmaterial**  
Messing  
**Kontaktoberfläche**  
Ni, Au / Sn  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
3A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
250V AC  
**Prüfspannung**  
1000V AC  
**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0  
**Contact material**  
Brass  
**Plating**  
Ni, Au / Sn  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000MΩ min  
**Current rating**  
3A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
250V AC  
**Test voltage**  
1000V AC  
**Packing**  
Tray packing



| Dimensions      |        |       |       |
|-----------------|--------|-------|-------|
| No. of Contacts | A      | B     | C     |
| 10              | 31.90  | 10.16 | 21.90 |
| 14              | 36.98  | 15.24 | 26.78 |
| 16              | 39.52  | 17.78 | 29.32 |
| 20              | 44.60  | 22.86 | 34.40 |
| 26              | 52.22  | 30.48 | 42.02 |
| 34              | 62.38  | 40.64 | 52.18 |
| 40              | 70.00  | 48.26 | 59.80 |
| 50              | 82.70  | 60.96 | 72.50 |
| 60              | 95.40  | 73.66 | 85.20 |
| 64              | 100.48 | 78.74 | 90.28 |



Bestellcode / Ordercode

**Polzahl**  
10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

**No. of contacts**  
10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

**Beschichtung**  
5 - vollverzinkt -  
2 - Gold flash\* (selektiv)

**Plating**  
5 - Tinned  
2 - Gold flash\* (selective)

**Verriegelungsclips**  
0 - ohne Verriegelungsclips\*  
2 - mit kurzen Verriegelungsclips  
3 - mit langem Verriegelungsclips

**Latches**  
0 - without latches\*  
2 - with short latches  
3 - with long latches

AWH xx A - 0 x x 2 - T

Verriegelungsclips separat / Latches separate

AWHCLIP LONG (lang / long)  
AWHCLIP XSHORT (kurz / short)

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

\* Standard  
\* Standard

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

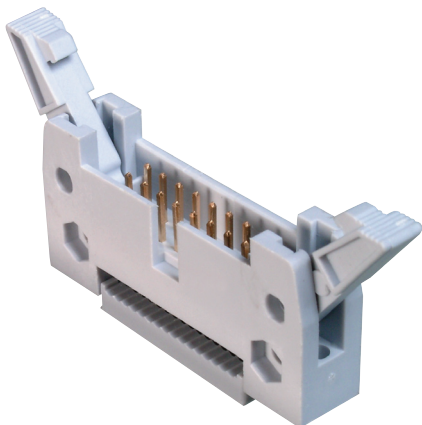
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

Micro-  
Miniature



**Isolierkörpermaterial**  
PBT, UL94V-0

**Kontaktmaterial**  
Messing

**Kontaktoberfläche**  
Ni, Au / Sn

**Kontaktwiderstand**  
20mΩ max

**Isolationswiderstand**  
1000MΩ min

**Strombelastbarkeit**  
1A

**Betriebstemperatur**  
-40°C - +105°C

**Betriebsspannung**  
250V AC

**Prüfspannung**  
1000V AC

**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0

**Contact material**  
Brass

**Plating**  
Ni, Au / Sn

**Contact resistance**  
20mΩ max

**Insulation resistance**  
1000MΩ min

**Current rating**  
1A

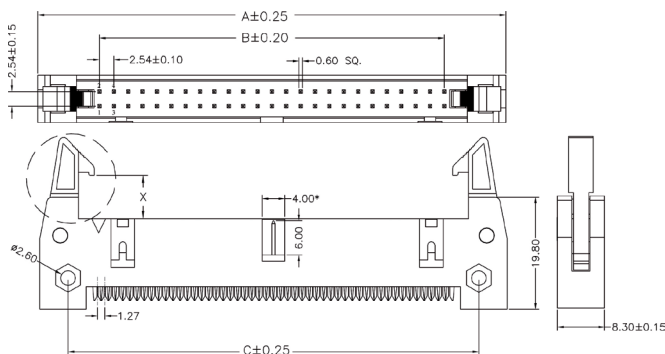
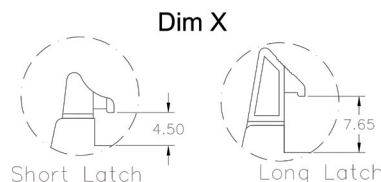
**Operating temperature**  
-40°C to +105°C

**Operating voltage**  
250V AC

**Test voltage**  
1000V AC

**Packing**  
Tray packing

| Dimensions      |        |       |       |
|-----------------|--------|-------|-------|
| No. of contacts | A      | B     | C     |
| 10              | 31.90  | 10.16 | 21.90 |
| 14              | 36.98  | 15.24 | 26.98 |
| 16              | 39.52  | 17.78 | 29.52 |
| 20              | 44.60  | 22.86 | 34.60 |
| 26              | 52.22  | 30.48 | 42.22 |
| 34              | 62.38  | 40.64 | 52.38 |
| 40              | 70.00  | 48.26 | 60.00 |
| 50              | 82.70  | 60.96 | 72.70 |
| 60              | 95.40  | 73.66 | 85.40 |
| 64              | 100.48 | 78.74 | 90.48 |



Bestellcode / Ordercode

**Polzahl**

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 50 / 60 / 64

**Ausführung**

0 - ohne Flansch\*  
E - mit Flansch

**Verriegelungsklips**

0 - ohne Verriegelungsklips\*  
2 - mit kurzen Verriegelungsklips  
3 - mit langen Verriegelungsklips

**No. of contacts**

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 50 / 60 / 64

**Version**

0 - without mounting ear\*  
E - with mounting ear

**Latches**

0 - without latches\*  
2 - with short latches  
3 - with long latches

**AWH xx G - x - 2 - x - 2 - IDC**

Verriegelungsklipse separat / Latches separate

**AWHCLIP LONG** (lang / long)

**AWHCLIP XSHORT** (kurz / short)

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

15mΩ max

Isolationswiderstand

1000MΩ min

Strombelastbarkeit

1A

Betriebstemperatur

-40°C - +105°C

Betriebsspannung

250V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PBT, UL94V-0

Contact material

Brass

Plating

Ni, Au / Sn

Contact resistance

15mΩ max

Insulation resistance

1000MΩ min

Current rating

1A

Operating temperature

-40°C to +105°C

Operating voltage

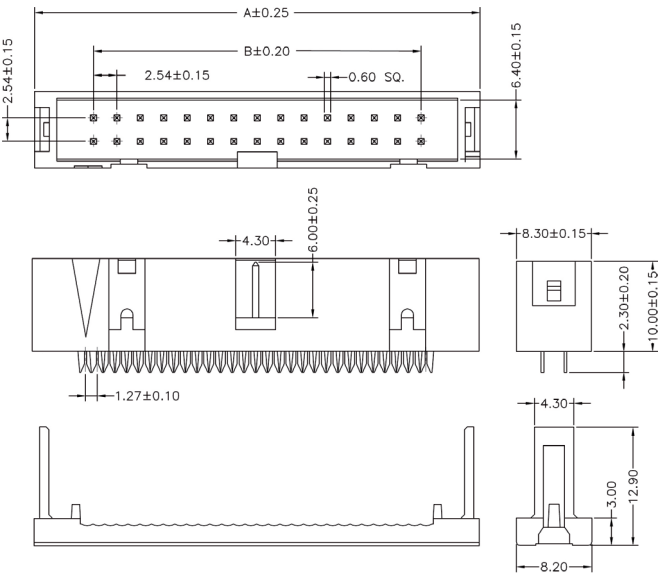
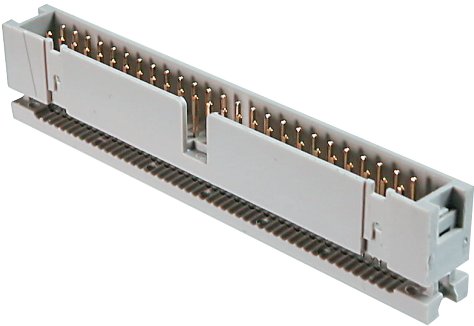
250V AC

Test voltage

1000V AC

Packing

Tray packing



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 22.95 | 10.16 |
| 14              | 28.03 | 15.24 |
| 16              | 30.57 | 17.78 |
| 20              | 35.65 | 22.86 |
| 26              | 43.27 | 30.48 |
| 34              | 53.43 | 40.64 |
| 40              | 61.05 | 48.26 |
| 50              | 73.75 | 60.96 |
| 60              | 86.45 | 73.66 |
| 64              | 91.53 | 78.74 |

Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

No. of contacts

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

AWHC xx - 0111 - T

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

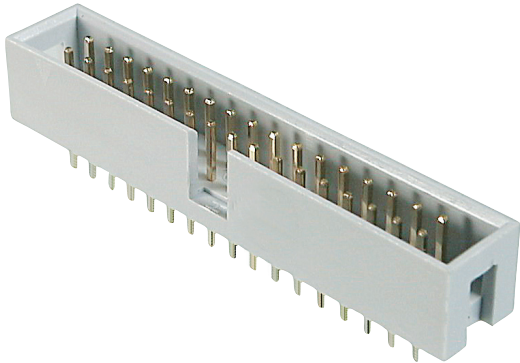
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

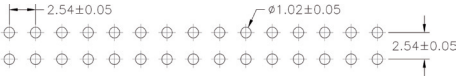
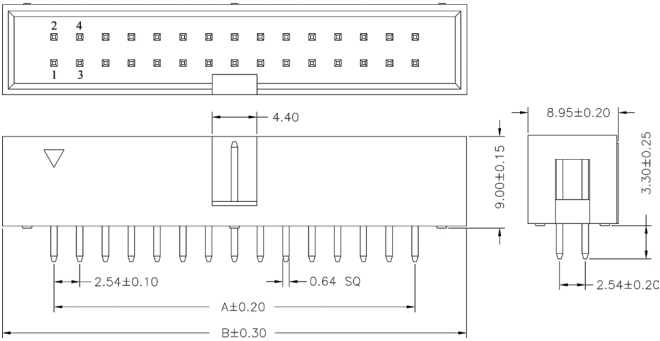
Micro-  
Miniature



**Isolierkörpermaterial**  
PBT, UL94V-0  
**Kontaktmaterial**  
Messing  
**Kontaktoberfläche**  
Ni, Au / Sn  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
3A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
250V AC  
**Prüfspannung**  
1000V AC  
**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0  
**Contact material**  
Brass  
**Plating**  
Ni, Au / Sn  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000mΩ min  
**Current rating**  
3A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
250V AC  
**Test voltage**  
1000V AC  
**Packing**  
Tray packing

| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 10.16 | 20.32 |
| 14              | 15.24 | 25.40 |
| 16              | 17.78 | 27.94 |
| 20              | 22.86 | 33.02 |
| 26              | 30.48 | 40.64 |
| 34              | 40.64 | 50.80 |
| 40              | 48.26 | 58.42 |
| 50              | 60.96 | 71.12 |
| 60              | 73.66 | 83.82 |
| 64              | 78.74 | 88.90 |



Bestellcode / Ordercode

**Polzahl**  
10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64  
**Beschichtung**  
5 - vollverzinkt  
2 - Gold flash (selectiv)

**No. of contacts**  
10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64  
**Plating**  
5 - Tinned  
2 - Gold flash (selective)

AWHW xx G - 0 x 0 2 - T

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

Steckerleisten, 10 - 64 polig, abgewinkelt, Raster 2,54mm x 2,54mm  
Header, 10 - 64 contacts, right-angled, pitch 2.54mm x 2.54mm

Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

1000MΩ min

Strombelastbarkeit

3A

Betriebstemperatur

-40°C - +105°C

Betriebsspannung

250V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PBT, UL94V-0

Contact material

Brass

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

1000MΩ min

Current rating

3A

Operating temperature

-40°C to +105°C

Operating voltage

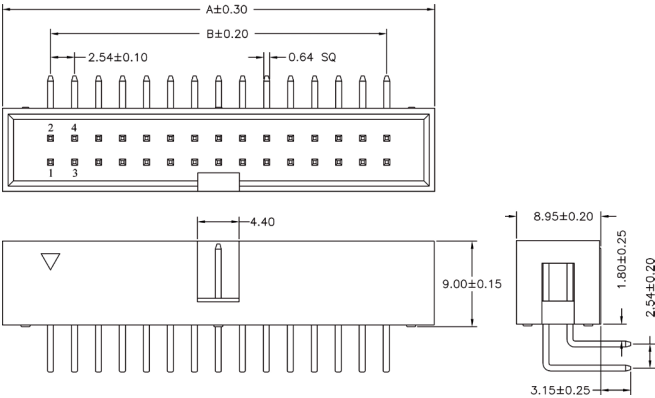
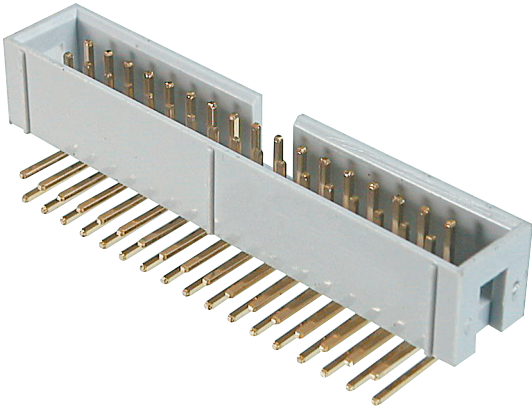
250V AC

Test voltage

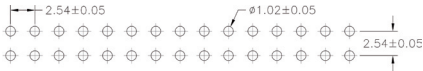
1000V AC

Packing

Tray packing



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 20.32 | 10.16 |
| 14              | 25.40 | 15.24 |
| 16              | 27.94 | 17.78 |
| 20              | 33.02 | 22.86 |
| 26              | 40.64 | 30.48 |
| 34              | 50.80 | 40.64 |
| 40              | 58.42 | 48.26 |
| 50              | 71.12 | 60.96 |
| 60              | 83.82 | 73.66 |
| 64              | 88.90 | 78.74 |



Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

Beschichtung

5 - vollverzinkt  
2 - Gold flash (selectiv)

No. of contacts

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

Plating

5 - Tinned  
2 - Gold flash (selective)

AWHW xx A - 0 x 0 2 - T

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

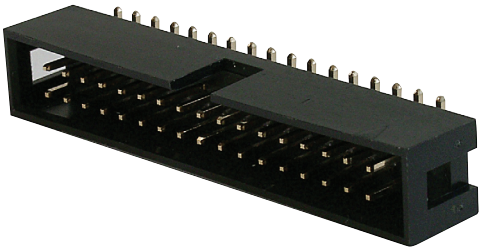
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

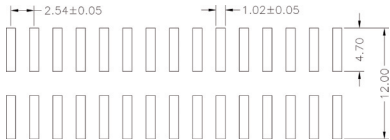
FFC / FPC

Micro-  
Miniature



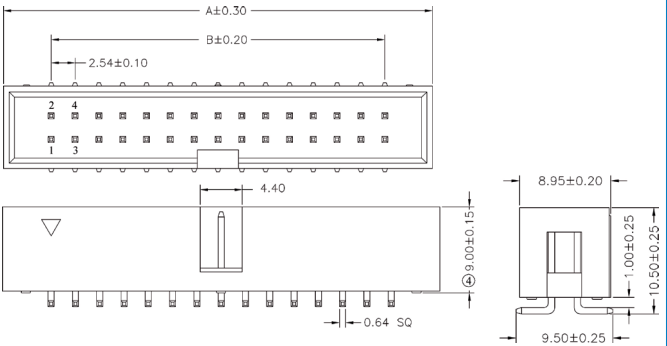
inkl. Bestückungshilfe  
incl. pick and place cap

| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 20.32 | 10.16 |
| 14              | 25.40 | 15.24 |
| 16              | 27.94 | 17.78 |
| 20              | 33.02 | 22.86 |
| 26              | 40.64 | 30.48 |
| 34              | 50.80 | 40.64 |
| 40              | 58.42 | 48.26 |



**Isolierkörpermaterial**  
PA6T, UL94V-0  
**Kontaktmaterial**  
Messing  
**Kontaktoberfläche**  
Ni, Au / Sn  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
3A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
250V AC  
**Prüfspannung**  
1000V AC  
**Verpackung**  
Stangenverpackung

**Insulator material**  
PA6T, UL94V-0  
**Contact material**  
Brass  
**Plating**  
Ni, Au / Sn  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000MΩ min  
**Current rating**  
3A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
250V AC  
**Test voltage**  
1000V AC  
**Packing**  
Tube packing



Bestellcode / Ordercode

Polzahl  
10 / 14 / 16 / 20 / 26 / 34 / 40

No. of contacts  
10 / 14 / 16 / 20 / 26 / 34 / 40

AWHW xx G - SMD

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

**Rollenverpackung auf Anfrage**  
Reel packing on request

Isolierkörpermaterial

PA6T, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au

Kontaktwiderstand

20mΩ max

Isolationswiderstand

1000MΩ min

Strombelastbarkeit

1.5A

Betriebstemperatur

-40°C - +105°C

Betriebsspannung

125V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PA6T, UL94V-0

Contact material

Brass

Plating

Ni, Au

Contact resistance

20mΩ max

Insulation resistance

1000MΩ min

Current rating

1.5A

Operating temperature

-40°C to +105°C

Operating voltage

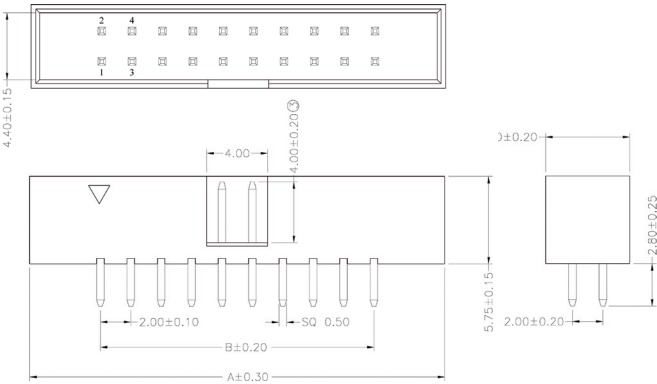
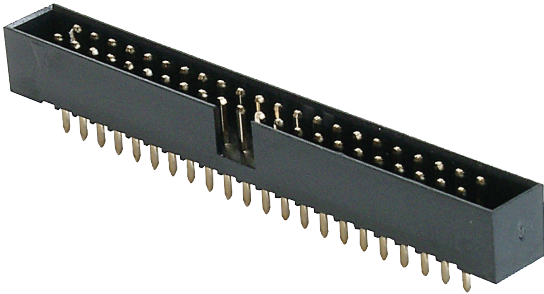
125V AC

Test voltage

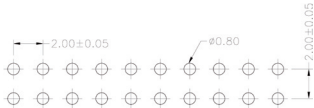
1000V AC

Packing

Tray packing



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 17.00 | 8.00  |
| 14              | 21.00 | 12.00 |
| 16              | 23.00 | 14.00 |
| 20              | 27.00 | 18.00 |
| 26              | 33.00 | 24.00 |
| 34              | 41.00 | 32.00 |
| 40              | 47.00 | 38.00 |
| 44              | 51.00 | 42.00 |
| 50              | 57.00 | 48.00 |



Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 44 / 50

2 - Gold flash

No. of contacts

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 44 / 50

2 - Gold flash

AWHW2 xx G - 0 2 0 2

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

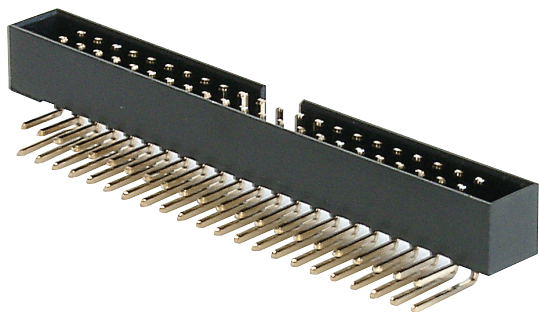
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

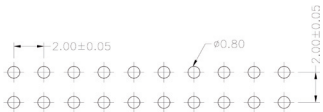
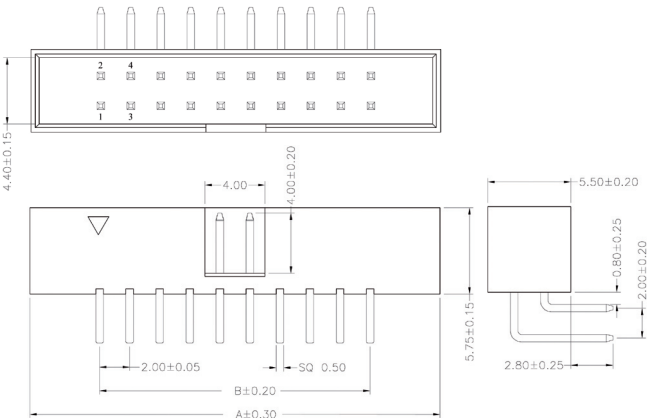
Micro-  
Miniature



**Isolierkörpermaterial**  
PA6T, UL94V-0  
**Kontaktmaterial**  
Messing  
**Kontaktoberfläche**  
Ni, Au  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
1.5A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
125V AC  
**Prüfspannung**  
1000V AC  
**Verpackung**  
Blisterverpackung

**Insulator material**  
PA6T, UL94V-0  
**Contact material**  
Brass  
**Plating**  
Ni, Au  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000MΩ min  
**Current rating**  
1.5A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
125V AC  
**Test voltage**  
1000V AC  
**Packing**  
Tray packing

| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 17.00 | 8.00  |
| 14              | 21.00 | 12.00 |
| 16              | 23.00 | 14.00 |
| 20              | 27.00 | 18.00 |
| 26              | 33.00 | 24.00 |
| 34              | 41.00 | 32.00 |
| 40              | 47.00 | 38.00 |
| 44              | 51.00 | 42.00 |
| 50              | 57.00 | 48.00 |



Bestellcode / Ordercode

Polzahl

No. of contacts

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 44 / 50

10 / 14 / 16 / 20 / 26 /  
34 / 40 / 44 / 50

2 - Gold flash

2 - Gold flash

AWHW2 xx A - 0 2 0 2

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

Isolierkörpermaterial

PA6T, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au

Kontaktwiderstand

20mΩ max

Isolationswiderstand

1000MΩ min

Strombelastbarkeit

1.5A

Betriebstemperatur

-40°C - +105°C

Betriebsspannung

125V AC

Prüfspannung

1000V AC

Verpackung

Stangenverpackung

Insulator material

PA6T, UL94V-0

Contact material

Brass

Plating

Ni, Au

Contact resistance

20mΩ max

Insulation resistance

1000mΩ min

Current rating

1.5A

Operating temperature

-40°C to +105°C

Operating voltage

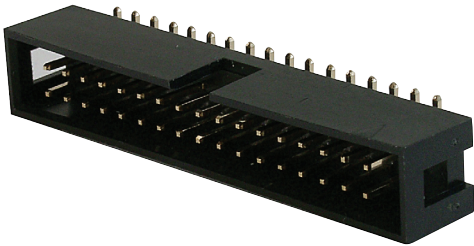
125V AC

Test voltage

1000V AC

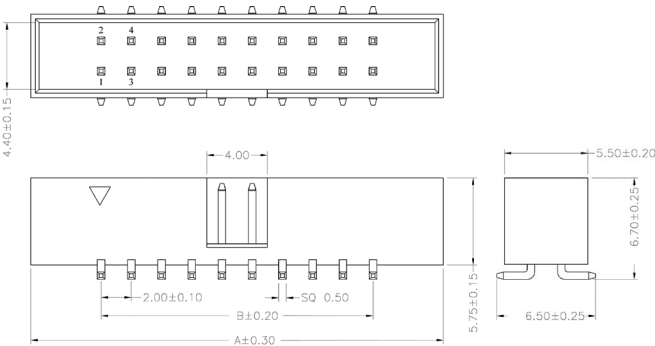
Packing

Tube packing

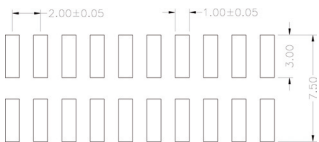


inkl. Bestückungshilfe

incl. pick and place cap



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 17.00 | 8.00  |
| 14              | 21.00 | 12.00 |
| 16              | 23.00 | 14.00 |
| 20              | 27.00 | 18.00 |
| 26              | 33.00 | 24.00 |
| 34              | 41.00 | 32.00 |
| 40              | 47.00 | 38.00 |
| 44              | 51.00 | 42.00 |
| 50              | 57.00 | 48.00 |



Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 44 / 50

200 - Raster 2,00mm

No. of contacts

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 44 / 50

200 - Raster 2.00mm

AWHW xx G - SMD - 200

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

Rollenverpackung auf Anfrage  
Reel packing on request

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

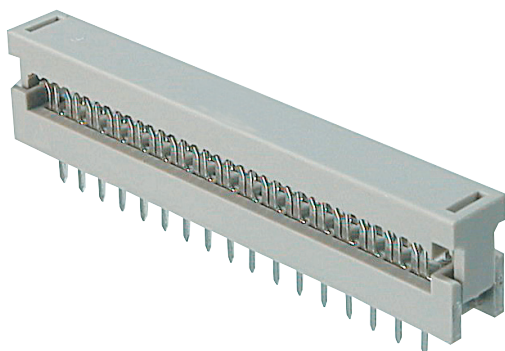
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

Micro-  
Miniature



**Isolierkörpermaterial**  
PBT, UL94V-0

**Kontaktmaterial**  
Messing

**Kontaktoberfläche**  
Ni, Sn

**Kontaktwiderstand**  
20mΩ max

**Isolationswiderstand**  
1000MΩ min

**Strombelastbarkeit**  
3A

**Betriebstemperatur**  
-40°C - +105°C

**Betriebsspannung**  
250V AC

**Prüfspannung**  
500V AC

**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0

**Contact material**  
Brass

**Plating**  
Ni, Sn

**Contact resistance**  
20mΩ max

**Insulation resistance**  
1000MΩ min

**Current rating**  
3A

**Operating temperature**  
-40°C to +105°C

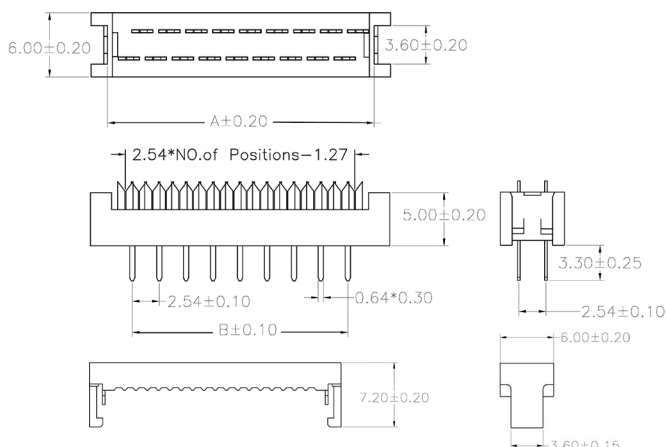
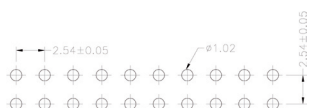
**Operating voltage**  
250V AC

**Test voltage**  
500V AC

**Packing**  
Tray packing

**Dimensions**

| No. of contacts | A     | B     |
|-----------------|-------|-------|
| 10              | 17.48 | 10.16 |
| 14              | 22.56 | 15.24 |
| 16              | 25.10 | 17.78 |
| 20              | 30.18 | 22.87 |
| 26              | 37.80 | 30.48 |
| 34              | 47.96 | 40.64 |
| 40              | 55.58 | 48.26 |
| 50              | 68.28 | 60.96 |
| 60              | 80.98 | 73.66 |
| 64              | 86.06 | 78.74 |



Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

No. of contacts

10 / 14 / 16 / 20 /  
26 / 34 / 40 / 50 / 60 / 64

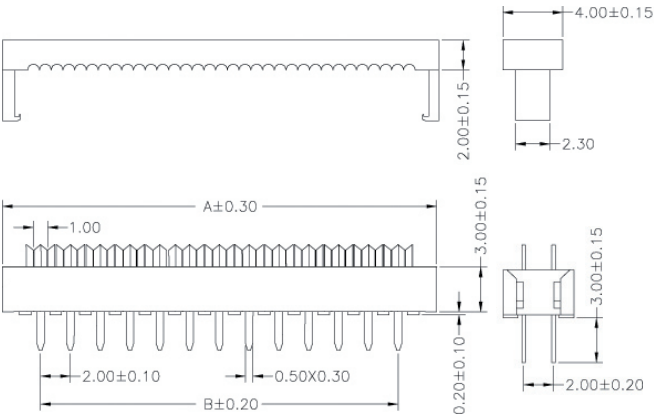
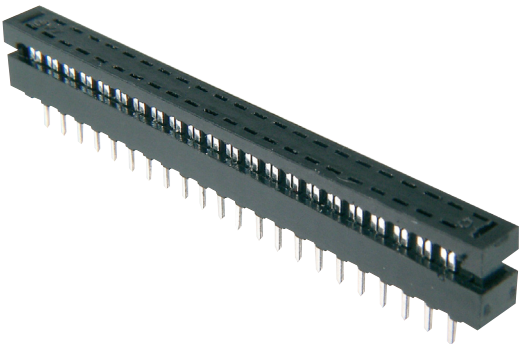
**AWLP** **xx** / **3,2** **T**

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

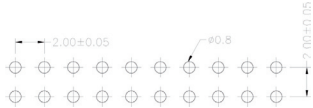
IDC-Leiterplattenverbinder, 10 - 64 polig, Raster 2,00mm x 2,00mm  
IDC-Transition connector, 10 - 64 contacts, pitch 2.00mm x 2.00mm

**Isolierkörpermaterial**  
PBT, UL94V-0  
**Kontaktmaterial**  
Phosphorbronze  
**Kontaktoberfläche**  
Ni, Sn  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
1A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
125V AC  
**Prüfspannung**  
500V AC  
**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0  
**Contact material**  
Phosphor bronze  
**Plating**  
Ni, Sn  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000mΩ min  
**Current rating**  
1A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
125V AC  
**Test voltage**  
500V AC  
**Packing**  
Tray packing



| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 10              | 14.30 | 8.00  |
| 14              | 18.30 | 12.00 |
| 16              | 20.30 | 14.00 |
| 20              | 24.30 | 18.00 |
| 26              | 30.30 | 24.00 |
| 34              | 38.30 | 32.00 |
| 40              | 44.30 | 38.00 |
| 50              | 54.30 | 48.00 |
| 60              | 64.30 | 58.00 |
| 64              | 68.30 | 62.00 |



Bestellcode / [Ordercode](#)

**Polzahl**  
10 / 16 / 20 / 26 / 34 / 40 /  
50 / 60 / 64

**No. of contacts**  
10 / 16 / 20 / 26 / 34 / 40 /  
50 / 60 / 64

**AWLP2 - xx**

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

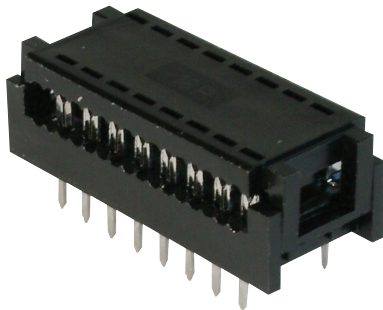
Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

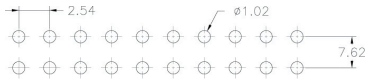
Speicherkarten  
Steckverbinder

FFC / FPC

Micro-  
Miniature

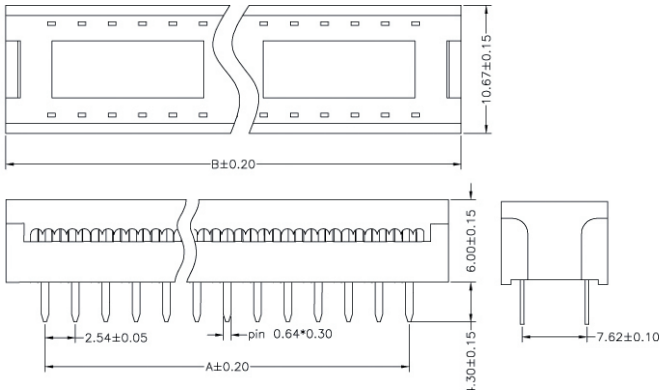


| Dimensions      |       |       |
|-----------------|-------|-------|
| No. of contacts | A     | B     |
| 08              | 7.62  | 15.42 |
| 10              | 10.16 | 17.96 |
| 14              | 15.24 | 23.04 |
| 16              | 17.78 | 25.58 |
| 20              | 22.86 | 30.66 |



**Isolierkörpermaterial**  
PBT, UL94V-0  
**Kontaktmaterial**  
Messing  
**Kontaktoberfläche**  
Ni, Sn  
**Kontaktwiderstand**  
20mΩ max  
**Isolationswiderstand**  
1000MΩ min  
**Strombelastbarkeit**  
1A  
**Betriebstemperatur**  
-40°C - +105°C  
**Betriebsspannung**  
250V AC  
**Prüfspannung**  
1000V AC  
**Verpackung**  
Blisterverpackung

**Insulator material**  
PBT, UL94V-0  
**Contact material**  
Brass  
**Plating**  
Ni, Sn  
**Contact resistance**  
20mΩ max  
**Insulation resistance**  
1000mΩ min  
**Current rating**  
1A  
**Operating temperature**  
-40°C to +105°C  
**Operating voltage**  
250V AC  
**Test voltage**  
1000V AC  
**Packing**  
Tray packing



Bestellcode / Ordercode

Polzahl  
08 / 10 / 14 / 16 / 20

No. of contacts  
08 / 10 / 14 / 16 / 20

ADIP xx Z - LC

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

Flachbandkabel AWG 28, Grau oder Farbig, Raster 1,27mm  
Flat cable AWG 28, grey or coloured, pitch 1.27mm

**Betriebsspannung**  
300V

**Durchschlagsspannung**  
2000V

**Strombelastbarkeit**  
1A

**Kapazität**  
45pF / m

**Leiterwiderstand**  
< 215Ω / km

**Impedanz**  
104Ω

**Übersprechen unsymmetrisch**  
60 dB

**Übersprechen symmetrisch**  
50 dB

**Betriebstemperatur**  
-30°C - +105°C

**Farbe**  
Grau (Rote Randmarkierung)

**Farbfolge**  
braun, rot, orange, gelb, grün,  
blau, violett, grau, weiss,  
schwarz

**Operating voltage**  
300V

**Test voltage**  
2000V

**Current rating**  
1A

**Capacity**  
45pF / m

**Conductor resistance**  
< 215Ω / km

**Impedance**  
104Ω

**Cross-talk asymmetric**  
60 dB

**Cross-talk symmetric**  
50 dB

**Operating temperature**  
-30°C - +105°C

**Colour**  
Grey (red coded)

**Colour sequence**  
brown, red, orange, yellow,  
green, blue, violet, grey, white,  
black



**UL-STYLE : 2651**

**UL-STYLE : 2651**

**Made in Germany**

Bestellcode / [Ordercode](#)

**Polzahl**

10 / 14 / 16 / 20 / 25 / 26 /  
34 / 37\* / 40 / 50 / 60\* / 64

**Farbe**

G - Grau ( 30.5 m)  
G50 - Grau ( 50.0m)  
G100- Grau (100.0m)  
F - Farbcodiert ( 30.5 m)

**No. of contacts**

10 / 14 / 16 / 20 / 25 / 26 /  
34 / 37\* / 40 / 50 / 60\* / 64

**Colour**

G - Grey ( 30.5 m)  
G50 - Grey ( 50.0m)  
G100- Grey (100.0m)  
F - Colour coded ( 30.5 m)

**AWG 28 - xx / x**

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

\* nicht bei farbkodierten Leitungen verfügbar  
\* not available in color cables

D-Sub /  
D-Sub Hauben /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Schalter

Einbaustecker  
Einbaubuchsen

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

Stiftleisten  
Buchsenleisten  
Sockel / Jumper

Klemmleisten

Speicherkarten  
Steckverbinder

FFC / FPC

Micro-  
Miniature



|                                             |                                                |
|---------------------------------------------|------------------------------------------------|
| <b>Betriebsspannung</b><br>300V             | <b>Operating voltage</b><br>300V               |
| <b>Durchschlagsspannung</b><br>2000V        | <b>Test voltage</b><br>2000V                   |
| <b>Strombelastbarkeit</b><br>1A             | <b>Current rating</b><br>1A                    |
| <b>Kapazität</b><br>45pF / m                | <b>Capacity</b><br>45pF / m                    |
| <b>Leiterwiderstand</b><br>< 213Ω / km      | <b>Conductor resistance</b><br>< 213Ω / km     |
| <b>Impedanz</b><br>104Ω                     | <b>Impedance</b><br>104Ω                       |
| <b>Übersprechen unsymmetrisch</b><br>60 dB  | <b>Cross-talk asymmetric</b><br>60 dB          |
| <b>Übersprechen symmetrisch</b><br>50 dB    | <b>Cross-talk symmetric</b><br>50 dB           |
| <b>Betriebstemperatur</b><br>-30°C - +105°C | <b>Operating temperature</b><br>-30°C - +105°C |
| <b>Farbe</b><br>Grau (Rote Randmarkierung)  | <b>Colour</b><br>Grey (red coded)              |
| <b>UL-STYLE : 2651</b>                      | <b>UL-STYLE : 2651</b>                         |

Bestellcode / Ordercode

Polzahl

10 / 14 / 16 / 20 / 25 /  
26 / 34 / 40 / 50 / 64

No. of contacts

10 / 14 / 16 / 20 / 25 /  
26 / 34 / 40 / 50 / 64

AK AWG xx

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

**Standard: 30.5m Rolle**  
**standard: 30.5m Reel**

|                                             |                                                |
|---------------------------------------------|------------------------------------------------|
| <b>Betriebsspannung</b><br>300V             | <b>Operating voltage</b><br>300V               |
| <b>Durchschlagsspannung</b><br>2000V        | <b>Test voltage</b><br>2000V                   |
| <b>Strombelastbarkeit</b><br>1A             | <b>Current rating</b><br>1A                    |
| <b>Kapazität</b><br>45pF / m                | <b>Capacity</b><br>45pF / m                    |
| <b>Leiterwiderstand</b><br>< 213Ω / km      | <b>Conductor resistance</b><br>< 213Ω / km     |
| <b>Impedanz</b><br>104Ω                     | <b>Impedance</b><br>104Ω                       |
| <b>Übersprechen unsymetrisch</b><br>60 dB   | <b>Cross-talk asymetric</b><br>60 dB           |
| <b>Übersprechen symetrisch</b><br>50 dB     | <b>Cross-talk symetric</b><br>50 dB            |
| <b>Betriebstemperatur</b><br>-30°C - +105°C | <b>Operating temperature</b><br>-30°C - +105°C |
| <b>Farbe</b><br>Grau (Rote Randmarkierung)  | <b>Colour</b><br>Grey (red coded)              |
| <b>UL-STYLE : 2651</b>                      | <b>UL-STYLE : 2651</b>                         |



|                                         |                                               |                                                       |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------|
| Bestellcode / <a href="#">Ordercode</a> | <b>Polzahl</b><br>14 / 20 / 26 / 34 / 40 / 50 | <b>No. of contacts</b><br>14 / 20 / 26 / 34 / 40 / 50 |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------|

AWG 28 - xx / G - 1,0

Bitte „x“ durch die geeignete Option ersetzen  
Please replace „x“ with appropriate option

- D-Sub /  
D-Sub Hauben /  
Centronics
- Multiflex -  
DIN 41651
- Modular
- USB  
IEEE 1394
- Schalter
- Einbaustecker  
Einbaubuchsen
- DIN 41612  
DIN 41617  
Hard Metric
- MiniDIN
- Stiftleisten  
Buchsenleisten  
Sockel / Jumper
- Klemmleisten
- Speicherkarten  
Steckverbinder
- FFC / FPC
- Micro-  
Miniature

D-Sub /  
D-Sub cover /  
Centronics

Multiflex -  
DIN 41651

Modular

USB  
IEEE 1394

Switches

Powerinlets  
Poweroutlets

DIN 41612  
DIN 41617  
Hard Metric

MiniDIN

Pin header  
Female header  
Sockets / Jumper

Terminal Blocks

Memory Card  
connectors

FFC / FPC

Micro -  
Miniature

Neben Standardkabeln fertigen wir Kabelkonfektionen speziell nach Kundenwunsch.

Im Bereich Flachbandkabel bieten wir Ihnen Konfektionen mit beliebigen Polzahlen und Längen, so wie den entsprechenden Steckverbindern an.

Ein äußerst flexibles und kostengünstiges System von automatischer und manueller Fertigung bietet Ihnen

- wettbewerbsfähige Preise
- hohe Qualität mit 100% elektrischer Prüfung und Zertifizierung auf Wunsch
- Bedruckung von Kabel und Steckern

**Senden Sie uns Ihre Anfrage.**

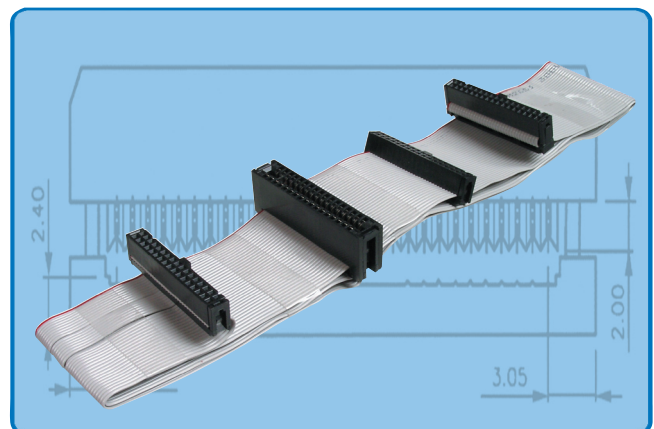
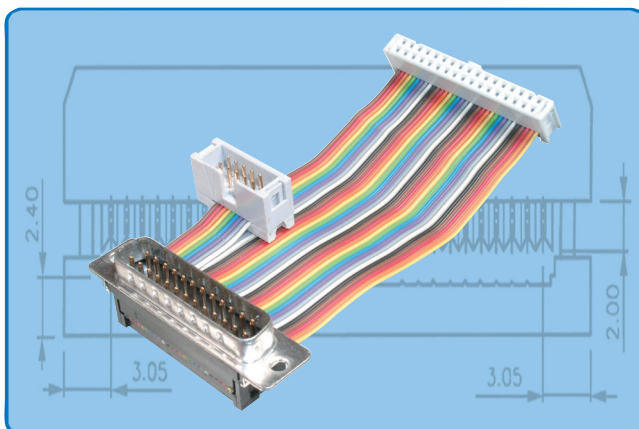
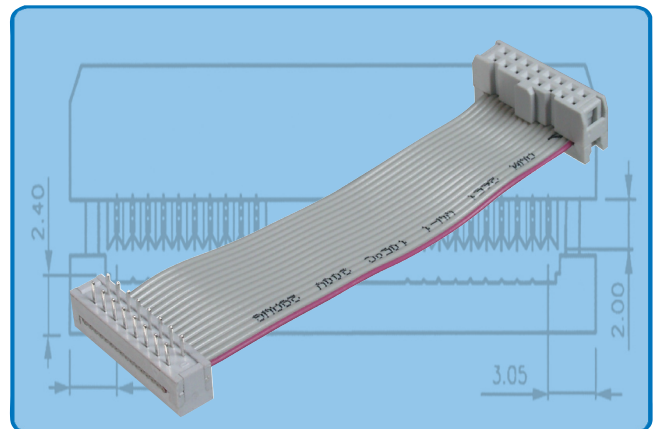
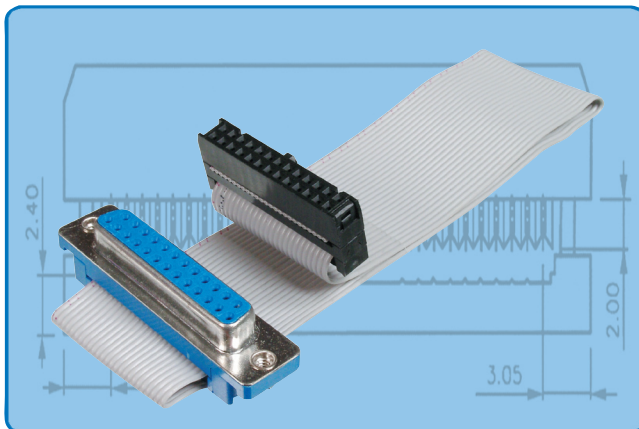
Apart from standard cables, special cables can be assembled upon request.

For flatcables we offer assemblies in any length with any number of conductors and with all kinds of connectors.

An extremely flexible and cost-effective system of automatic and manual production offers you

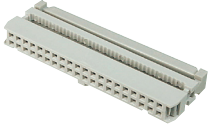
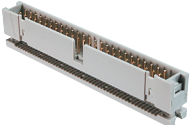
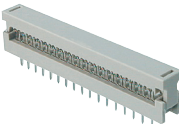
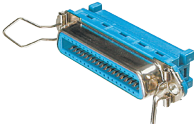
- competitive pricing
- high quality with 100% electrical testing and certification on request
- printing on cables and connectors

**Please send your enquiry**



# Flachbandkabelkonfektionen Checkliste

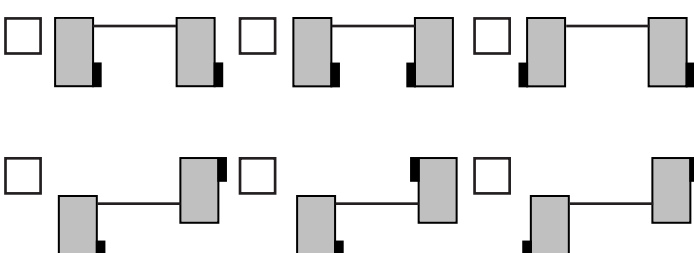
## Flat cables assembly check list

| Steckverbinder<br>Connector                                                         |                                                        | Seite<br>Side | Stecker<br>Male                     | Buchse<br>Female                    | Polzahl<br>Number of Contacts | Zugentlastung<br>Strain Relief      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|---------------|-------------------------------------|-------------------------------------|-------------------------------|-------------------------------------|
|    | IDC-Pfostenverbinder<br>IDC-Sockets                    | 1             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input type="checkbox"/>            |
|                                                                                     |                                                        | 2             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input type="checkbox"/>            |
|    | IDC-Wannen-Leisten<br>IDC-Boxheader                    | 1             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|                                                                                     |                                                        | 2             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|    | Steckerleisten<br>Header                               | 1             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|                                                                                     |                                                        | 2             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|    | IDC-Leiterplattenverbinder<br>IDC-Transition connector | 1             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|                                                                                     |                                                        | 2             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|   | DIP Stecker<br>DIP Connector                           | 1             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|                                                                                     |                                                        | 2             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                               | <input checked="" type="checkbox"/> |
|  | D-Sub                                                  | 1             | <input type="checkbox"/>            | <input type="checkbox"/>            |                               | <input type="checkbox"/>            |
|                                                                                     |                                                        | 2             | <input type="checkbox"/>            | <input type="checkbox"/>            |                               | <input type="checkbox"/>            |
|  | Centronics                                             | 1             | <input type="checkbox"/>            | <input type="checkbox"/>            |                               | <input type="checkbox"/>            |
|                                                                                     |                                                        | 2             | <input type="checkbox"/>            | <input type="checkbox"/>            |                               | <input type="checkbox"/>            |

Kabel :      Farbe :      ☐ grau      ☐ diverse (RAL)  
Cable :      Color :      grey      other (RAL)

Raster :      ☐ 1mm      ☐ 1.27mm      Gesamtlänge :  
Pitch :      1mm      1.27mm      total length : \_\_\_\_\_

Anschluss :      ☐ 1:1      ☐ diverse :  
Connection :      1:1      other : \_\_\_\_\_

Ausrichtung :  
Orientation :  


Spezifische Abwicklung / Verpackung :      ☐ Nein      ☐ Ja, siehe Kundenzeichnung  
Special winding / packing :      No      Yes, ref. Customized drawing

Andere spezifische Anforderungen :      ☐ Nein      ☐ Ja, siehe Kundenzeichnung  
Other special properties :      No      Yes, ref. Customized drawing

D-Sub /  
D-Sub Hauben /  
Centronics

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DIN 41651

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