

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

DIN 41612 (DIN EN 60603-2) Steckverbinder für gedruckte Schaltungen der ASSMANN WSW components wurden seinerzeit für die Verwendung in 19'' Zoll-Systemen im Kontaktraster 2,54mm entwickelt. Dieses Steckverbindersystem erfreut sich nach wie vor großer Beliebtheit und wird aufgrund seiner Variantenvielfalt auch in Applikationen mit hohen Polzahlen vorgesehen. DIN 41612 Steckverbinder stellen ein besonders zuverlässiges und erprobtes Verbindungssystem dar, welches über alle gängigen Anschlusstechniken z.B.: Einlöt-, Wire Wrap und Press-Fit verfügt.

Typische Anwendungen für diese Steckverbinderfamilie finden sich in den Anwenderbereichen der Industrie, Telekommunikation, Medizintechnik, Militärtechnik, Bahntechnik, Mess- und Regeltechnik, Automatisierungs- und Steuerungstechnik, Luft- und Raumfahrttechnik, Computertechnik und vielen weiteren Bereichen.

ASSMANN WSW components deckt nahezu das gesamte Spektrum an Bauformen ab wie B, B1/2, C, C1/2, R, R1/2, Q, Q1/2 und M ab. Neben den Standardprodukten liefert die ASSMANN WSW components auch eine Vielzahl an kundenspezifischen Lösungen und Sonderbestückungen. Hochtemperaturisoliervarianten und Clipversionen zum Fixieren der Steckverbinder auf der Leiterplatten vervollständigen die Produktpalette. Die Einpresstechnik wird über das wohlbekannte 'Nadelöhr' Kontaktdesign realisiert.

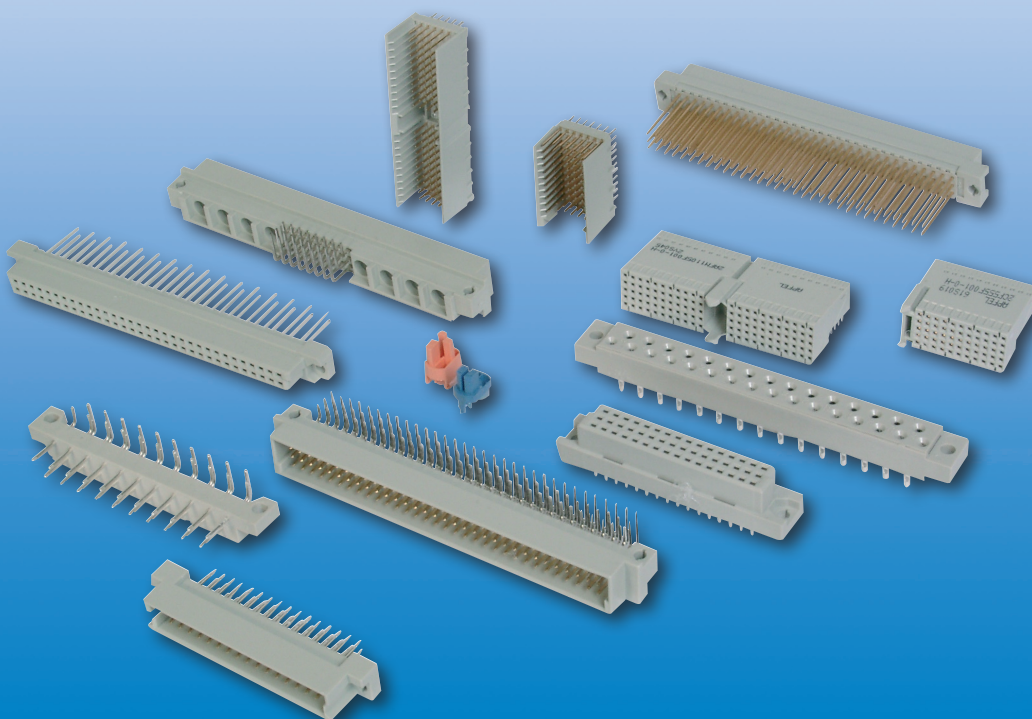
Aus dem Hause ASSMANN WSW components sind weiterhin die traditionellen Steckverbinder nach DIN 41617 im Raster 2,50mm erhältlich, die einst die Vorgänger der o.g. DIN 41612 Steckverbinderfamilie waren. Dieses Steckverbindersystem zeichnet sich durch seine erprobte „Robustheit“ aus. Steckverbinder nach DIN 41617 können in drei Polzahlen, 13-, 21-, und 31-polig, sowohl als Stift- als auch als Federleisten geliefert werden. Hauptsächlich kommt hier die versilberte Ausführung zum Einsatz.

DIN 41612 (DIN EN 60603-2) connectors for printed circuits of ASSMANN WSW components have been developed as connectors component for 19'' inch systems with a contact pitch of 2.54mm. Today, this connector family is well-known and still used on high volume applications due to the full range of products and the wide range of available pin counts. Key characteristics of this DIN 41612 product range are high reliability and the availability many different contact technologies eg. : THT, Wire-Wrap and Press-fit.

Typical applications for this connector system are to be found in the field of industry, telecom, medicine, military, trains, measurement and instrumentation, automation, control devices, aerospace and computers and many other areas.

ASSMANN WSW components offers the complete range of DIN 41612 connectors like style B, B1/2, C, C 1/2, R, R1/2, Q, Q1/2 and style M. Beside standard products ASSMANN WSW components deliver a variety of custom specific solutions, customer specific contact loadings, high temperature insulators and board locks. The design of the press-fit contacts is based on the well-known 'eye of the needle' - design.

ASSMANN WSW components also the traditionally DIN 41617 connectors based on 2.50mm contact pitch. Known as the forerunner of the DIN 41612, this connector system still shows a solid robustness and is used in today applications. These connectors can be delivered in three different pin counts as there are 13, 21, and 31 contacts, as male and/or female connector. The commonly used plating is based on silver surface.



Produktbeschreibung

Seite

DIN 41612, Bauform B, Messerleiste, Raster 2,54mm	180
DIN 41612, Bauform B, Federleiste, gerade, Raster 2,54mm	181
DIN 41612, Bauform C, Messerleiste, Raster 2,54mm	182
DIN 41612, Bauform C, Federleiste, gerade, Raster 2,54mm	183
DIN 41612, Bauform Q, Messerleiste, gerade, Raster 2,54mm	184
DIN 41612, Bauform Q, Federleiste, abgewinkelt, Raster 2,54mm	185
DIN 41612, Bauform R, Messerleiste, gerade, Raster 2,54mm	186
DIN 41612, Bauform R, Federleiste, abgewinkelt, Raster 2,54mm	187
DIN 41617, Messerleiste, abgewinkelte Lötstifte, Raster 2,50mm	188
DIN 41617, Federleiste, Raster 2,50mm	189
2,00mm Hard Metric Übersicht	190
2,00mm Hard Metric, Bauform A, Messerleiste, gerade	191
2,00mm Hard Metric, Bauform B25, Messerleiste, gerade	194
2,00mm Hard Metric, Bauform B22, Messerleiste, gerade	196
2,00mm Hard Metric, Bauform B19, Messerleiste, gerade	198
2,00mm Hard Metric, Bauform C, Messerleiste, gerade	200
2,00mm Hard Metric, Bauform A, Federleiste, abgewinkelt	202
2,00mm Hard Metric, Bauform B25, Federleiste, abgewinkelt	203
2,00mm Hard Metric, Bauform B22, Federleiste, abgewinkelt	204
2,00mm Hard Metric, Bauform B19, Federleiste, abgewinkelt	205
2,00mm Hard Metric, Bauform C, Federleiste, abgewinkelt	206
2,00mm Hard Metric Checkliste	207

Product description

page

DIN 41612, style B, male, pitch 2.54mm	180
DIN 41612, style B, female, straight, pitch 2.54mm	181
DIN 41612, style C, male, pitch 2.54mm	182
DIN 41612, style C, female, straight, pitch 2.54mm	183
DIN 41612, style Q, male, straight, pitch 2.54mm	184
DIN 41612, style Q, female, right-angled, pitch 2.54mm	185
DIN 41612, style R, male, straight, pitch 2.54mm	186
DIN 41612, style R, female, right angled, pitch 2.54mm	187
DIN 41617, male, right-angled solder pins, pitch 2.50mm	188
DIN 41617, female, pitch 2.50mm	189
2.00mm Hard Metric Overview	190
2.00mm Hard Metric, style A, male, straight	191
2.00mm Hard Metric, style B25, male, straight	194
2.00mm Hard Metric, style B22, male, straight	196
2.00mm Hard Metric, style B19, male, straight	198
2.00mm Hard Metric, style C, male, straight	200
2.00mm Hard Metric, style A, female, right-angled	202
2.00mm Hard Metric, style B25, female, right-angled	203
2.00mm Hard Metric, style B22, female, right-angled	204
2.00mm Hard Metric, style B19, female, right-angled	205
2.00mm Hard Metric, style C, female, right-angled	206
2.00mm Hard Metric check list	207



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DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

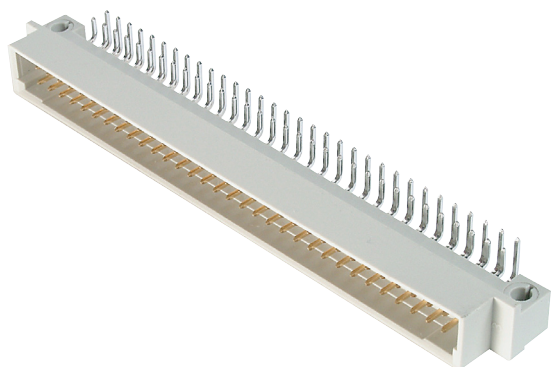
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Messing

Kontaktoberfläche
Ni, Au / Sn

Kontaktwiderstand
40mΩ max

Isolationswiderstand
10¹²Ω Min

Strombelastbarkeit
2A

Betriebstemperatur
-55°C - +125 °C

Betriebsspannung
250V AC

Prüfspannung
1000V AC

Verpackung
Blisterverpackung

Insulator material
PBT, UL94V-0

Contact material
Brass

Plating
Ni, Au / Sn

Contact resistance
40mΩ max

Insulation resistance
10¹²Ω min

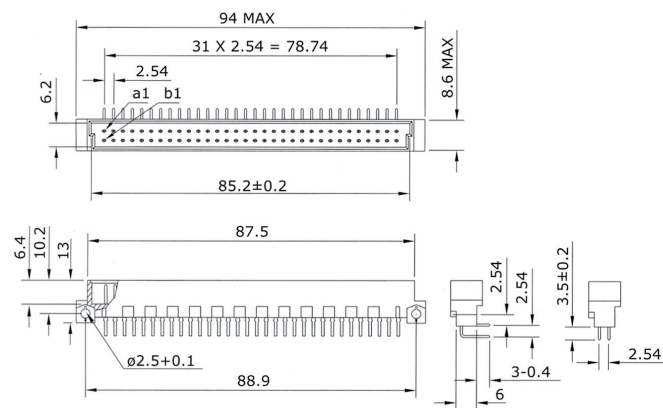
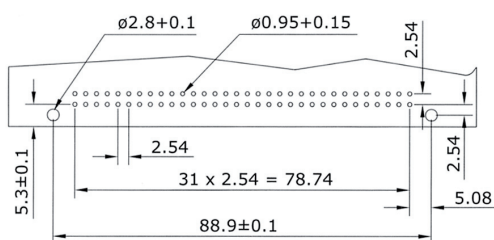
Current rating
2A

Operating temperature
-55°C to +125°C

Operating voltage
250V AC

Test voltage
1000V AC

Packing
Tray packing



Bestellcode / Ordercode

Bestückung

64ab* / 32a / 32ab* / 16a

Positions loaded

64ab* / 32a / 32ab* / 16a

Ausführung, Pinlänge

R - abgewinkelt, 3mm (0.6x0.6)
T - gerade, 3.5mm (0.6x0.6)

Version, tail length

R - right-angled, 3mm (0.6x0.6)
T - straight, 3.5mm (0.6x0.6)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - Class 3 *
2 - Class 2
1 - Class 1

A - B M x x - x

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

* Standard
* Standard

Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Phosphorbronze

Kontakttoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10¹²Ω Min

Strombelastbarkeit

2A

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

10¹²Ω min

Current rating

2A

Operating temperature

-40°C to +105°C

Operating voltage

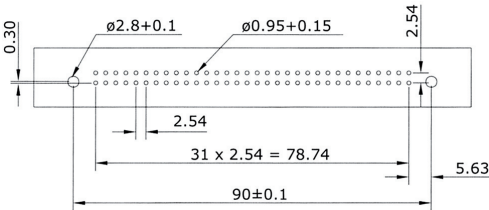
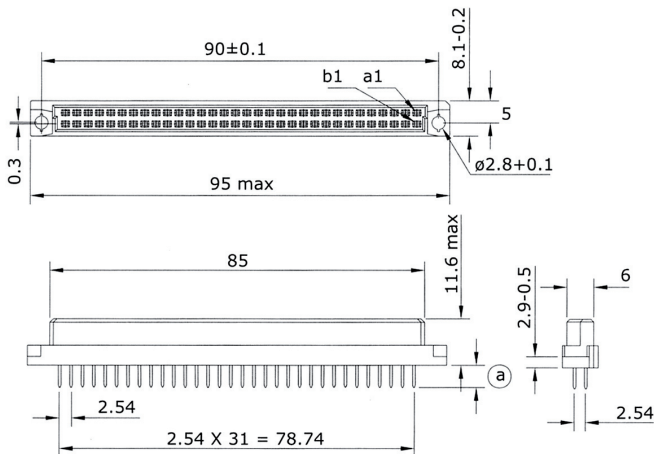
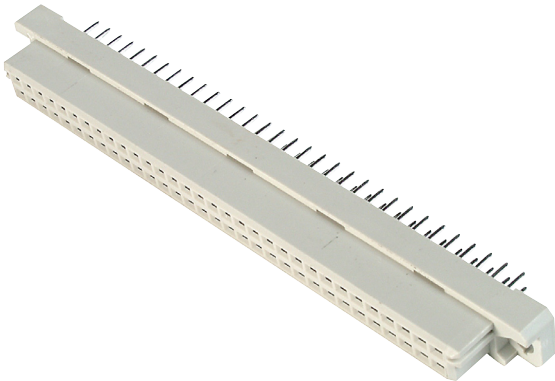
125V AC

Test voltage

1000V AC

Packing

Tray packing



Bestellcode / Ordercode

Bestückung

64ab* / 32a / 32ab* / 16a

Positions loaded

64ab* / 32a / 32ab* / 16a

Pinlänge a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Tail length a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - Class 3 *
2 - Class 2
1 - Class 1

A - B F x x - x

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

* Standard
* Standard

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Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

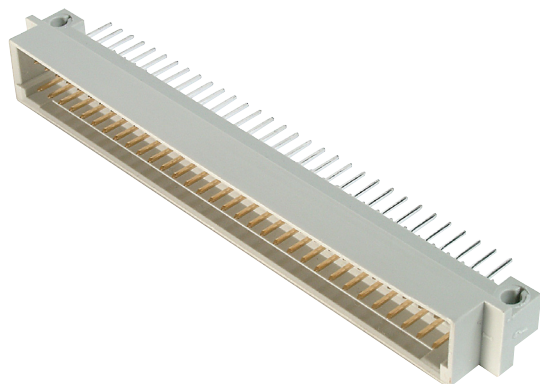
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Messing

Kontaktoberfläche
Ni, Au / Sn

Kontaktwiderstand
40mΩ max

Isolationswiderstand
10¹²Ω Min

Strombelastbarkeit
2A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
250V AC

Prüfspannung
1000V AC

Verpackung
Blisterverpackung

Insulator material
PBT, UL94V-0

Contact material
Brass

Plating
Ni, Au / Sn

Contact resistance
40mΩ max

Insulation resistance
10¹²Ω min

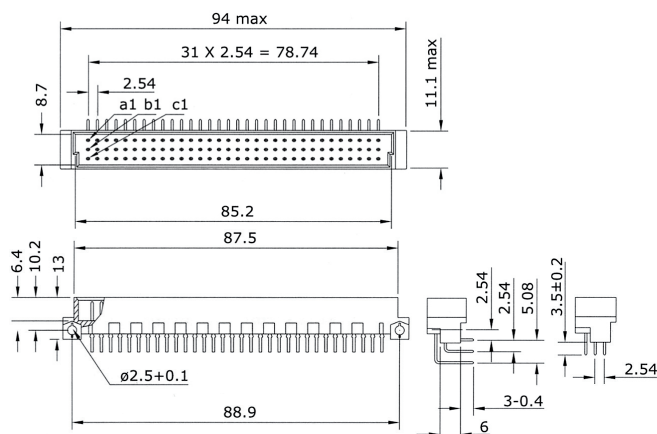
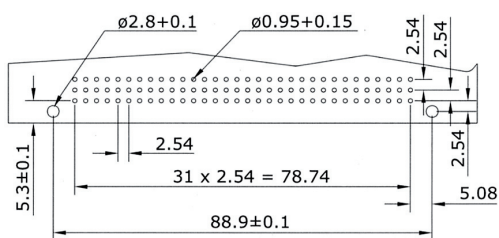
Current rating
2A

Operating temperature
-55°C to +125°C

Operating voltage
250V AC

Test voltage
1000V AC

Packing
Tray packing



Bestellcode / Ordercode

Bestückung

96abc* / 64ac* / 64ab / 32a / 48abc / 32ac*

Positions loaded

96abc* / 64ac* / 64ab / 32a / 48abc / 32ac*

Ausführung, Pinlänge

R - abgewinkelt, 3mm(0.6x0.6)
T - gerade, 3.5mm(0.6x0.6)

Version, tail length

R - right-angled, 3mm(0.6x0.6)
T - straight, 3.5mm(0.6x0.6)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - Class 3 *
2 - Class 2
1 - Class 1

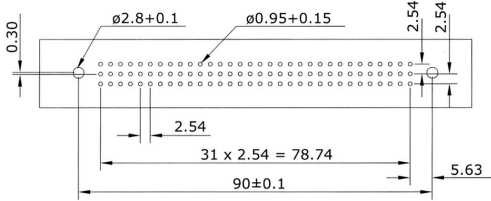
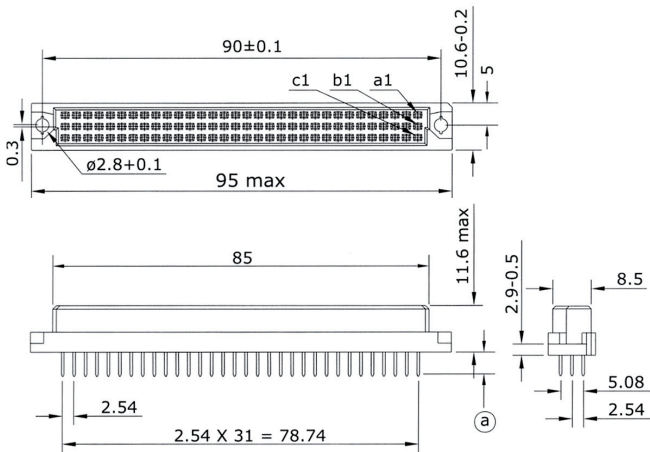
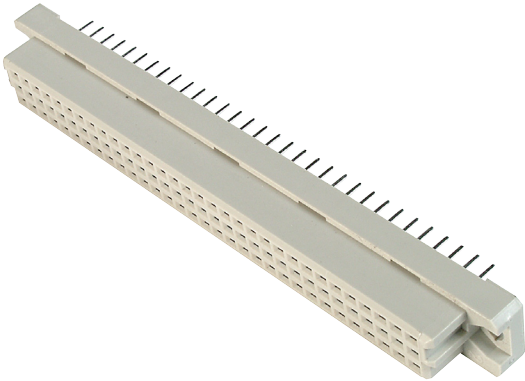
A - C M x x - x

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

* Standard
 * Standard

Isolierkörpermaterial
PBT, UL94V-0
Kontaktmaterial
Messing
Kontaktoberfläche
Ni, Au / Sn
Kontaktwiderstand
40mΩ max
Isolationswiderstand
10¹²Ω Min
Strombelastbarkeit
2A
Betriebstemperatur
-55°C - +125°C
Betriebsspannung
250V AC
Prüfspannung
1000V AC
Verpackung
Blisterverpackung

Insulator material
PBT, UL94V-0
Contact material
Brass
Plating
Ni, Au / Sn
Contact resistance
40mΩ max
Insulation resistance
10¹²Ω min
Current rating
2A
Operating temperature
-55°C to +125°C
Operating voltage
250V AC
Test voltage
1000V AC
Packing
Tray packing



Bestellcode / Ordercode

Bestückung

96abc* / 64ac* / 64ab / 32a /
48abc / 32ac*

Positions loaded

96abc* / 64ac* / 64ab / 32a /
48abc / 32ac*

Pinlänge a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Tail length a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

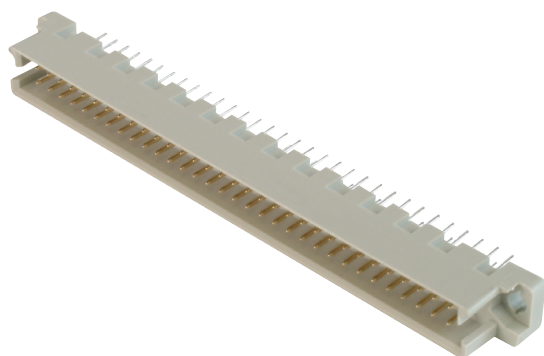
- - Class 3 *
2 - Class 2
1 - Class 1

A - C F x x - x

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

* Standard
* Standard

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Sockel / Jumper
Klemmleisten
Speicherkarten
Steckverbinder
FFC / FPC
Micro-
Miniature



Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Messing

Kontaktfläche

Ni, Au / Sn

Kontaktwiderstand

40mΩ max

Isolationswiderstand

10¹²Ω Min

Strombelastbarkeit

2A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

250V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PBT, UL94V-0

Contact material

Brass

Plating

Ni, Au / Sn

Contact resistance

40mΩ max

Insulation resistance

10¹²Ω min

Current rating

2A

Operating temperature

-55°C to +125°C

Operating voltage

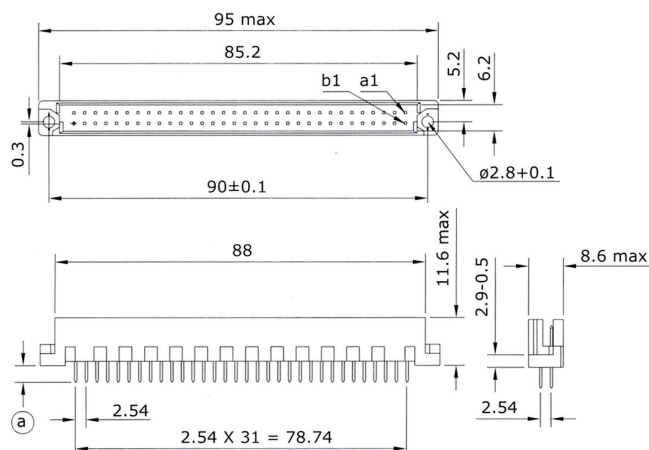
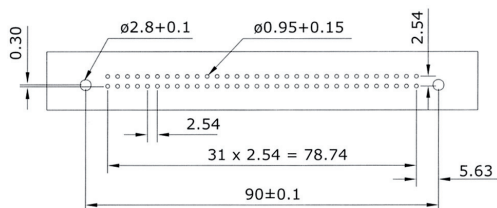
250V AC

Test voltage

1000V AC

Packing

Tray packing



Bestellcode / Ordercode

Bestückung

64ab* / 32a / 32ab* / 16a

Positions loaded

64ab* / 32a / 32ab* / 16a

Pinlänge a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Tail length a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - Class 3 *
2 - Class 2
1 - Class 1

A - Q M x x - x

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

* Standard
* Standard

DIN 41612, Bauform Q, Federleiste, abgewinkelt, 16 - 64 polig, Raster 2,54mm
DIN 41612, style Q, female, right-angled, 16 - 64 contacts, pitch 2.54mm

Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

40mΩ max

Isolationswiderstand

10¹²Ω Min

Strombelastbarkeit

2A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

250V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PBT, UL94V-0

Contact material

Brass

Plating

Ni, Au / Sn

Contact resistance

40mΩ max

Insulation resistance

10¹²Ω min

Current rating

2A

Operating temperature

-55°C to +125°C

Operating voltage

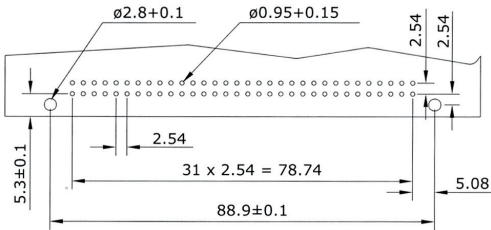
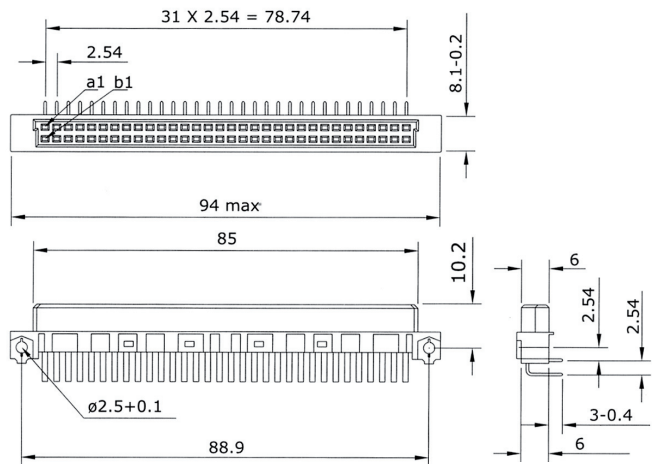
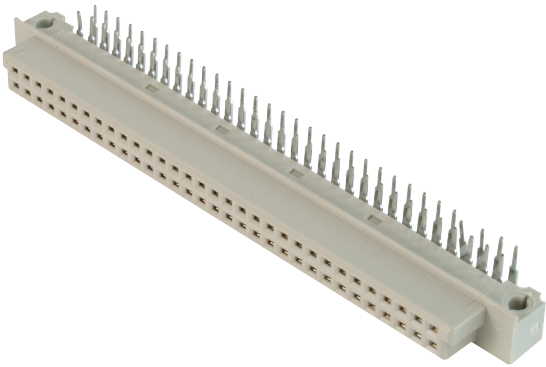
250V AC

Test voltage

1000V AC

Packing

Tray packing



Bestellcode / Ordercode

Bestückung

64ab* / 32a / 32ab* / 16a

Positions loaded

64ab* / 32a / 32ab* / 16a

Ausführung, Pinlänge

R - abgewinkelt, 3mm(0.6x0.6)

Version, tail length

R - right-angled, 3mm(0.6x0.6)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - Class 3 *
2 - Class 2
1 - Class 1

A - Q F x R - x

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

* Standard
* Standard

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D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

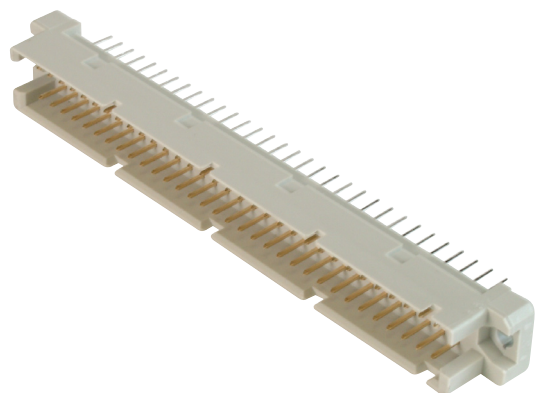
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Messing

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

40mΩ max

Isolationswiderstand

10¹²Ω Min

Strombelastbarkeit

2A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

250V AC

Prüfspannung

1000V AC

Verpackung

Blisterverpackung

Insulator material

PBT, UL94V-0

Contact material

Brass

Plating

Ni, Au / Sn

Contact resistance

40mΩ max

Insulation resistance

10¹²Ω min

Current rating

2A

Operating temperature

-55°C to +125°C

Operating voltage

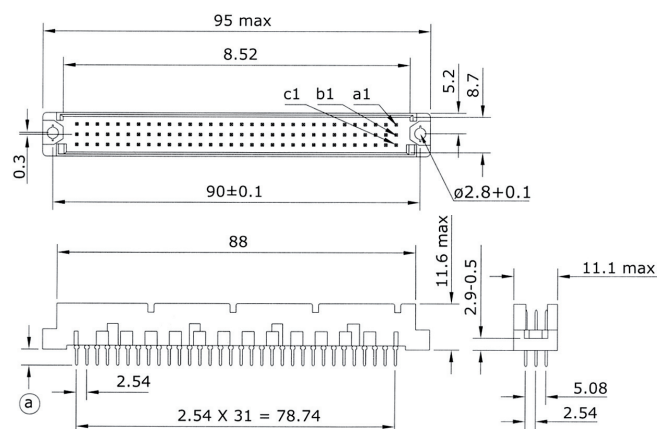
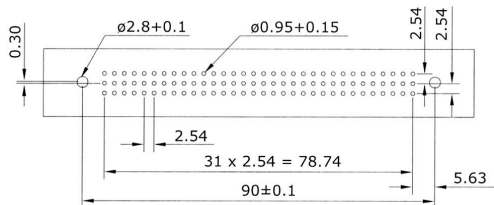
250V AC

Test voltage

1000V AC

Packing

Tray packing



Bestellcode / Ordercode

Bestückung

64ab* / 32a / 32ab* / 16a / 64ac

Positions loaded

64ab* / 32a / 32ab* / 16a / 64ac

Pinlänge a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Tail length a

T - 4.0mm* (0.30 x 0.38)
T2.5 - 2.5mm* (0.30 x 0.38)
WAB - 13.0mm* (0.60 x 0.60)
WBB - 17.0mm (0.60 x 0.60)
W5 - 5.0mm (0.60 x 0.60)
W7 - 7.4mm (0.60 x 0.60)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - class 3 *
2 - class 2
1 - class 1

A - R M x x - x

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

* Standard
* Standard

Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Phosphorbronze

Kontaktfläche
Ni, Au / Sn

Kontaktwiderstand
40mΩ max

Isolationswiderstand
10¹²Ω Min

Strombelastbarkeit
2A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
250V AC

Prüfspannung
1000V AC

Verpackung
Blisterverpackung

Insulator material
PBT, UL94V-0

Contact material
Phosphor bronze

Plating
Ni, Au / Sn

Contact resistance
40mΩ max

Insulation resistance
10¹²Ω min

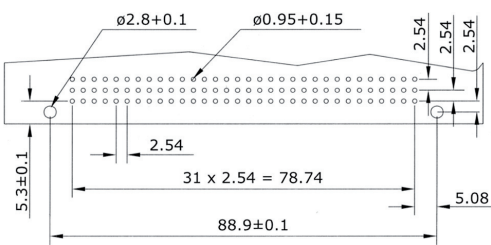
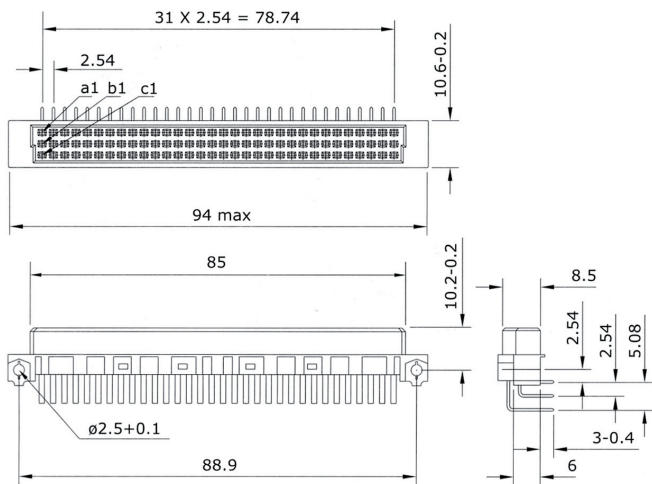
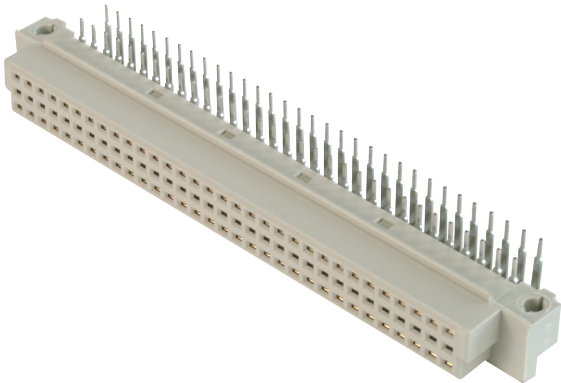
Current rating
2A

Operating temperature
-55°C to +125°C

Operating voltage
250V AC

Test voltage
1000V AC

Packing
Tray packing



Bestellcode / Ordercode

Bestückung

96abc* / 64ac* / 64ab / 32a / 48abc / 32ac*

Position with contacts

96abc* / 64ac* / 64ab / 32a, 48abc / 32ac*

Ausführung, Pinlänge

R - abgewinkelt, 3mm(0.6x0.6)

Version, tail length

R - right-angled, 3mm(0.6x0.6)

Gütestufe

- - Stufe 3 *
2 - Stufe 2
1 - Stufe 1

Quality class

- - class 3 *
2 - class 2
1 - class 1

A - R F x R - x

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

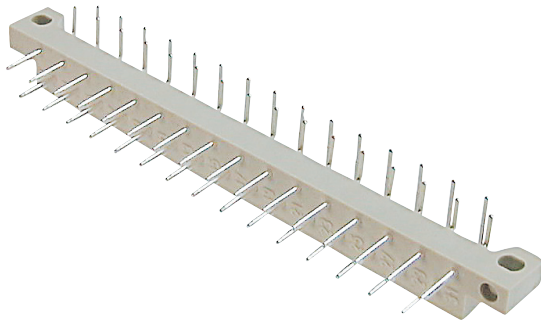
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial
PC, UL94V-1

Kontaktmaterial
Messing

Kontaktoberfläche
Hartversilbert

Kontaktwiderstand
15mΩ max

Isolationswiderstand
10¹²mΩ Min

Strombelastbarkeit
2A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
250V AC

Prüfspannung
900V AC

Verpackung
Kartonbox

Insulator material
PC, UL94V-1

Contact material
Brass

Plating
Hard-silver-plated

Contact resistance
15mΩ max

Insulation resistance
10¹²Ω min

Current rating
2A

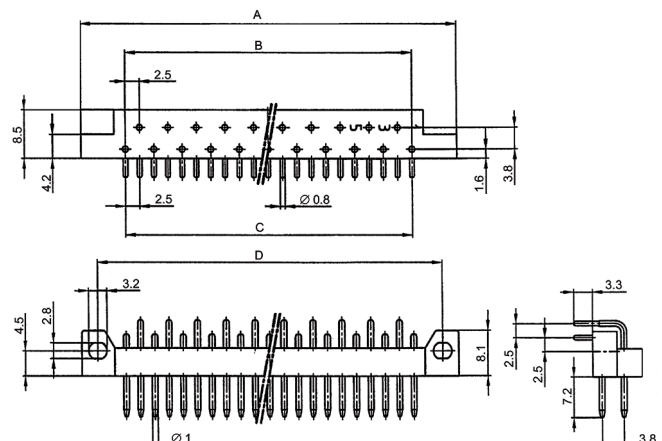
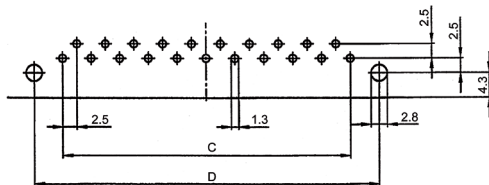
Operating temperature
-55°C to +125°C

Operating voltage
250V AC

Test voltage
900V AC

Packing
Carton box packing

Dimensions				
No. of contacts	A	B	C	D
13	45.6	30	30	40
21	65.6	50	50	60
31	90.6	75	75	85



Bestellcode / Ordercode

Polzahl
13 / 21 / 31

No. of contacts
13 / 21 / 31

Ausführung, Pinlänge
S1 - abgewinkelt, 3.3mm(Ø0.80)

Version, tail length
S1 - right-angled, 3.3mm(Ø0.80)

A xx - S1 / SILVER

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

Isolierkörpermaterial

PC, UL94V-1

Kontaktmaterial

Messing

Kontaktoberfläche

Hartversilbert

Kontaktwiderstand

15mΩ max

Isolationswiderstand

10¹²Ω Min

Strombelastbarkeit

2A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

250V AC

Prüfspannung

900V AC

Verpackung

Kartonbox

Insulator material

PC, UL94V-1

Contact material

brass

Plating

Hard-silver-plated

Contact resistance

15mΩ max

Insulation resistance

10¹²Ω min

Current rating

2A

Operating temperature

-55°C to +125°C

Operating voltage

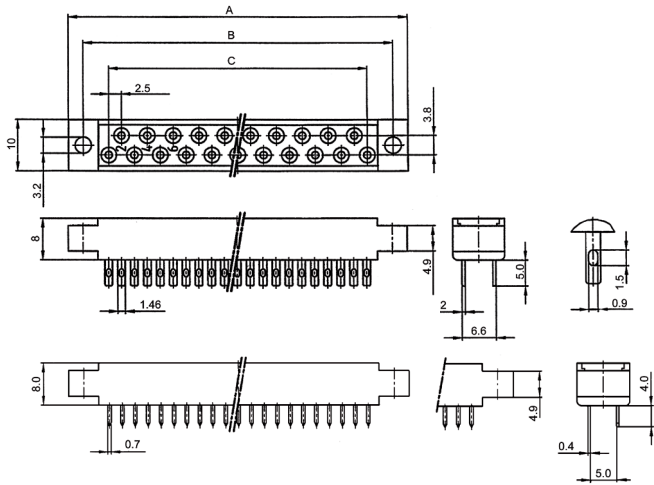
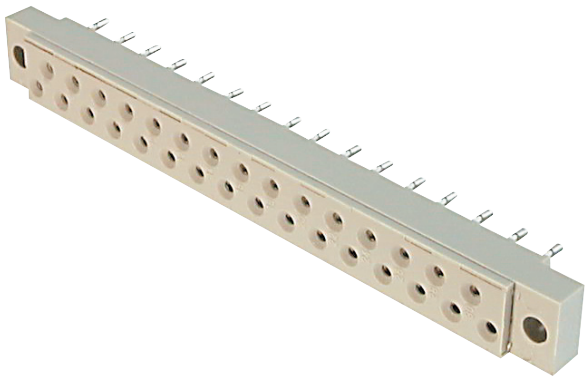
250V AC

Test voltage

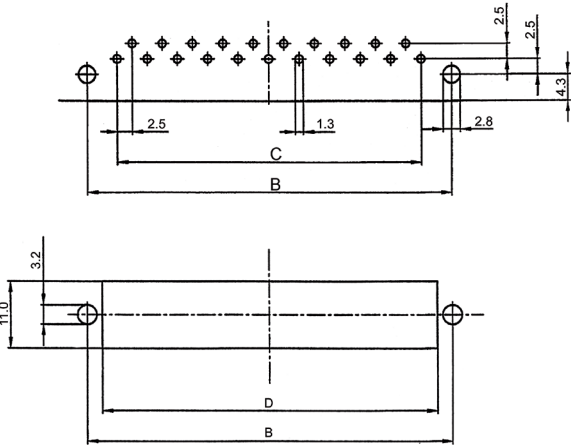
900V AC

Packing

carton box packing



Dimensions				
No. of contacts	A	B	C	D
13	45.8	40	30	35
21	65.8	60	50	55
31	90.8	85	75	80



Bestellcode / Ordercode

Polzahl

13 / 21 / 31

No. of contacts

13 / 21 / 31

Ausführung, Pinlänge

S2 - Lötkelche
L2 - Lötstifte, 4mm(0.40x0.70)

Version, tail length

S2 - Solder cups
L2 - Solder pins, 4mm(0.40x0.70)

A - xx x / SILVER

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

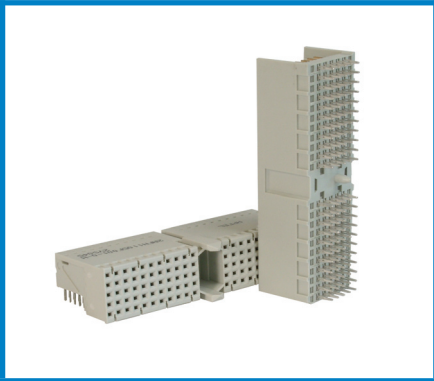
Terminal Blocks

Memory Card
connectors

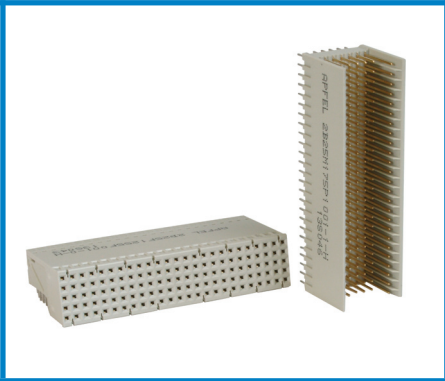
FFC / FPC

Micro -
Miniature

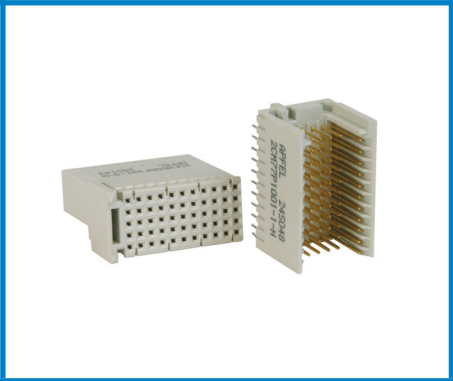
Type A



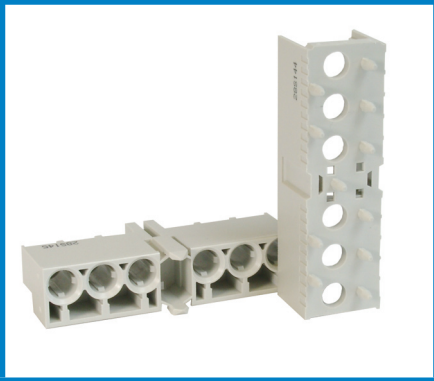
Type B



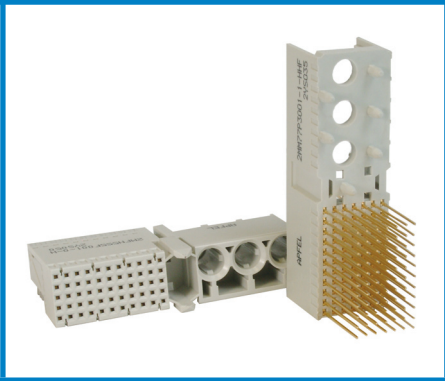
Type C



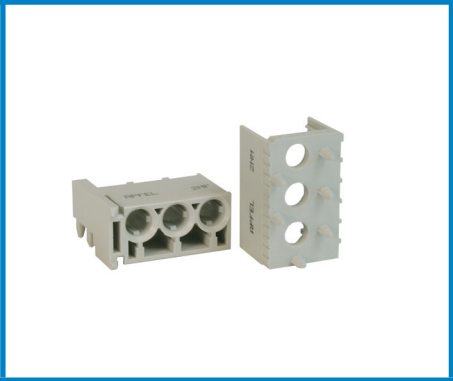
Type L



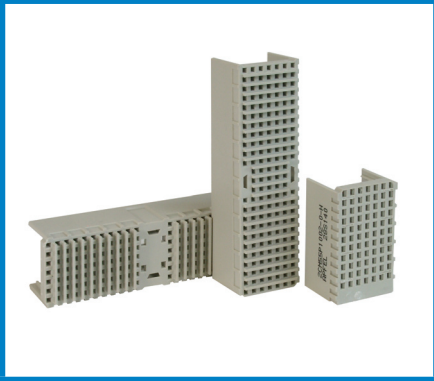
Type M



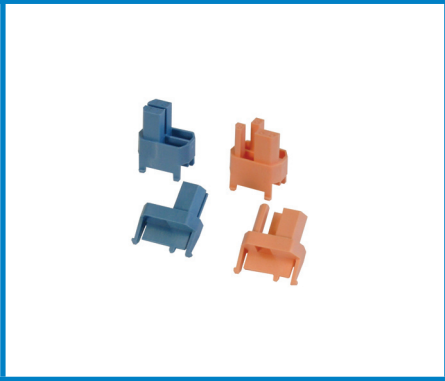
Type N



Rahmen / Shrouds



Kodierstifte / Coding Keys



Schirmbleche / Shielding Cover



2,00mm Hard Metric Steckverbinder erfüllen die IEC 917 und IEC 61076-4-101
2.00mm Hard Metric connectors comply with IEC 917 und IEC 61076-4-101

Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Phosphorbronze

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω max

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω max

Current rating

1A

Operating temperature

-55°C - +125°C

Operating voltage

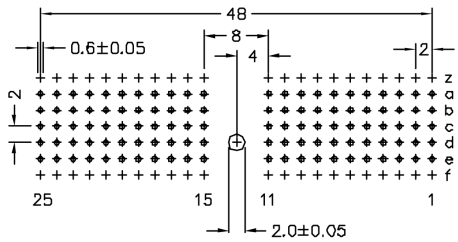
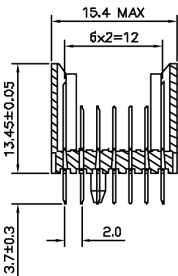
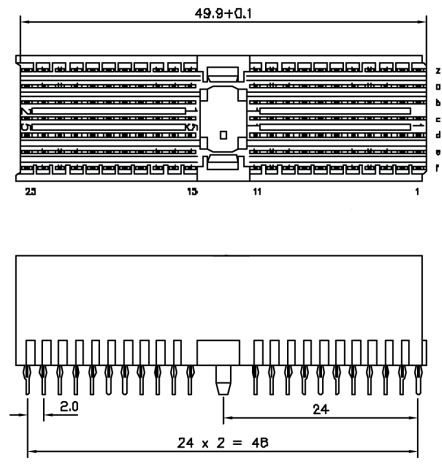
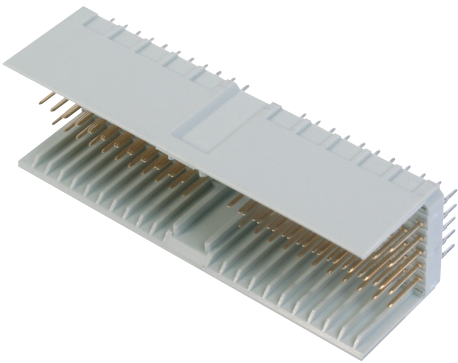
125V AC

Test voltage

750V AC

Packing

Tube packing



Detaillierter Bestellcode auf den Seiten 192 /193
Detailed ordercode see page 192 /193

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

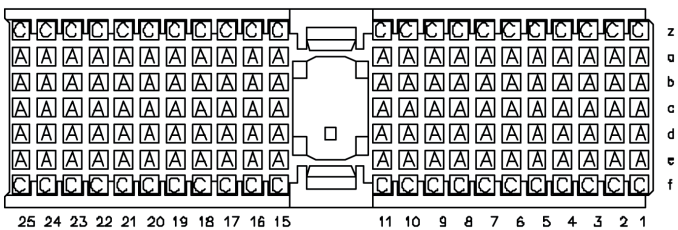
Terminal Blocks

Memory Card
connectors

FFC / FPC

Micro -
Miniature

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

Ausführung
Version

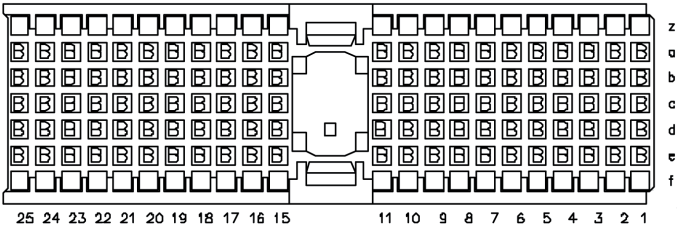
110

- z -
- a 1A
- b 1A
- c 1A
- d 1A
- e 1A
- f -

Bestellcode / Ordercode

A - 2AM110P1001 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

Ausführung
Version

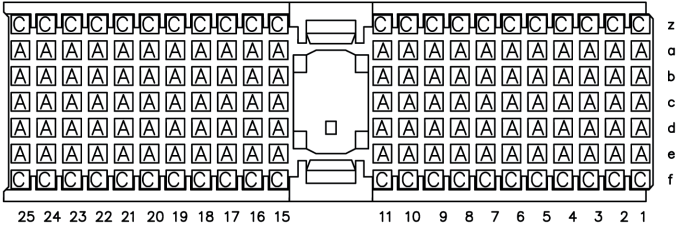
110

- z -
- a 1B
- b 1B
- c 1B
- d 1B
- e 1B
- f -

Bestellcode / Ordercode

A - 2AM110P1002 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

Ausführung
Version

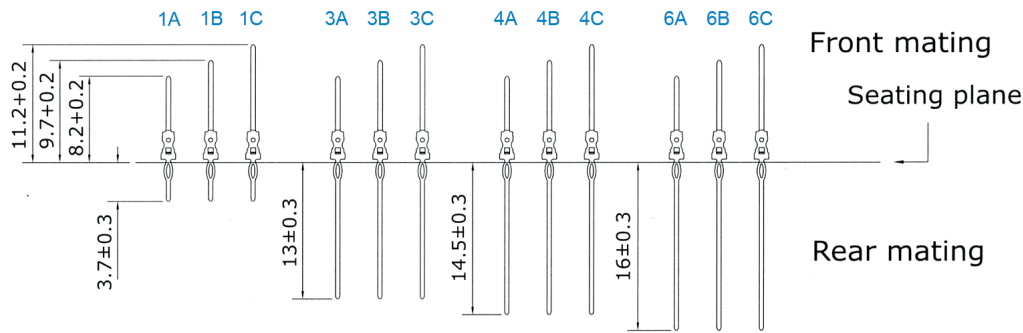
154

- z 1C
- a 1A
- b 1A
- c 1A
- d 1A
- e 1A
- f 1C

Bestellcode / Ordercode

A - 2AM154P1001 - 1 - H

Stiftoptionen / Pin options



Bestückungsplan Assembly drawing	Polzahl No. of contacts	Ausführung Version														
	154	<table><tr><td>z</td><td>-</td></tr><tr><td>a</td><td>1A</td></tr><tr><td>b</td><td>1A</td></tr><tr><td>c</td><td>1A</td></tr><tr><td>d</td><td>1A</td></tr><tr><td>e</td><td>1A</td></tr><tr><td>f</td><td>-</td></tr></table>	z	-	a	1A	b	1A	c	1A	d	1A	e	1A	f	-
z	-															
a	1A															
b	1A															
c	1A															
d	1A															
e	1A															
f	-															

Bestellcode / Ordercode

A - 2AM154P1002 - 1 - H

Bestückungsplan Assembly drawing	Polzahl No. of contacts	Ausführung Version														
	154	<table><tr><td>z</td><td>-</td></tr><tr><td>a</td><td>1B</td></tr><tr><td>b</td><td>1B</td></tr><tr><td>c</td><td>1B</td></tr><tr><td>d</td><td>1B</td></tr><tr><td>e</td><td>1B</td></tr><tr><td>f</td><td>-</td></tr></table>	z	-	a	1B	b	1B	c	1B	d	1B	e	1B	f	-
z	-															
a	1B															
b	1B															
c	1B															
d	1B															
e	1B															
f	-															

Bestellcode / Ordercode

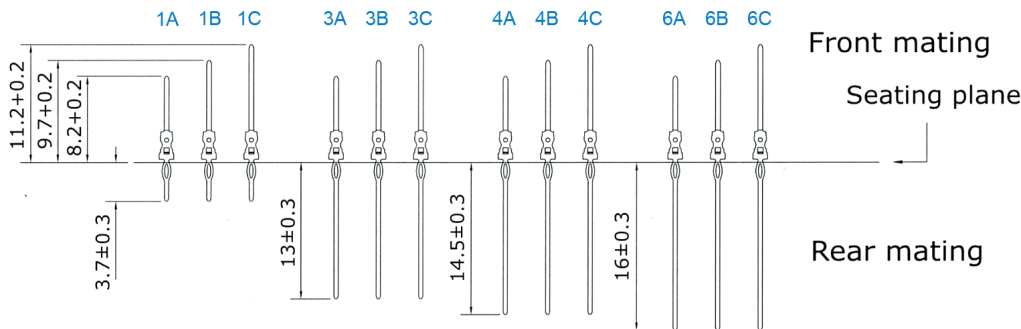
A - 2AM154P1011 - 1 - H

Bestückungsplan Assembly drawing	Polzahl No. of contacts	Ausführung Version														
	154	<table><tr><td>z</td><td>1C</td></tr><tr><td>a</td><td>1A</td></tr><tr><td>b</td><td>1A</td></tr><tr><td>c</td><td>1A</td></tr><tr><td>d</td><td>1A</td></tr><tr><td>e</td><td>1A</td></tr><tr><td>f</td><td>1C</td></tr></table>	z	1C	a	1A	b	1A	c	1A	d	1A	e	1A	f	1C
z	1C															
a	1A															
b	1A															
c	1A															
d	1A															
e	1A															
f	1C															

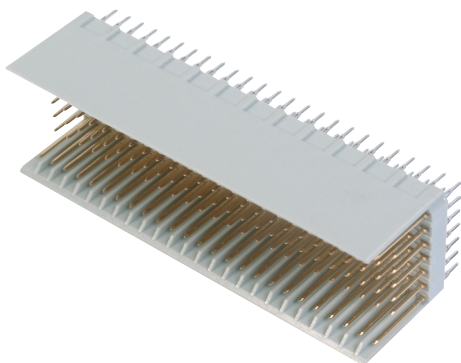
Bestellcode / Ordercode

A - 2AM154P1012 - 1 - H

Stiftoptionen / Pin options



- 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

Phosphorbronze

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω min

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω min

Current rating

1A

Operating temperature

-55°C to +125°C

Operating voltage

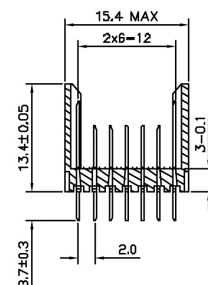
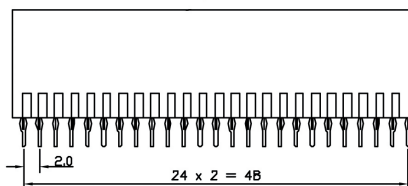
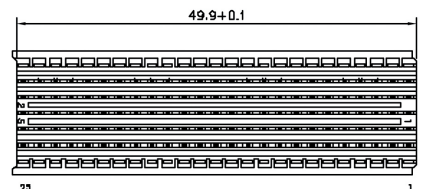
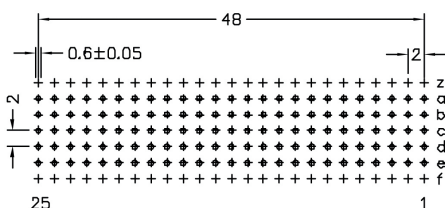
125V AC

Test voltage

750V AC

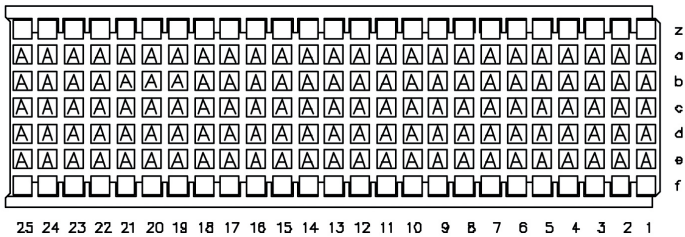
Packing

Tube packing



Detaillierter Bestellcode auf den Seite 195
Detailed ordercode see page 195

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

125

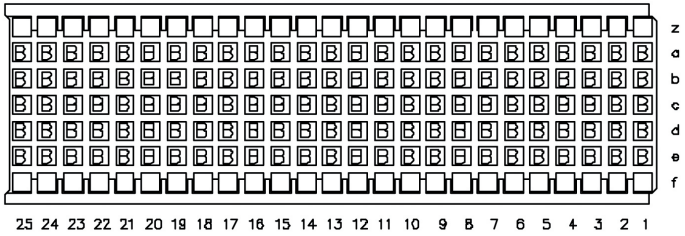
Ausführung
Version

z -
a 1A
b 1A
c 1A
d 1A
e 1A
f -

Bestellcode / Ordercode

A - 2B25M125P1001 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

125

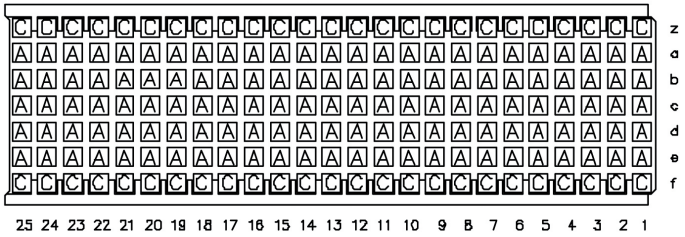
Ausführung
Version

z -
a 1B
b 1B
c 1B
d 1B
e 1B
f -

Bestellcode / Ordercode

A - 2B25M125P1002 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

175

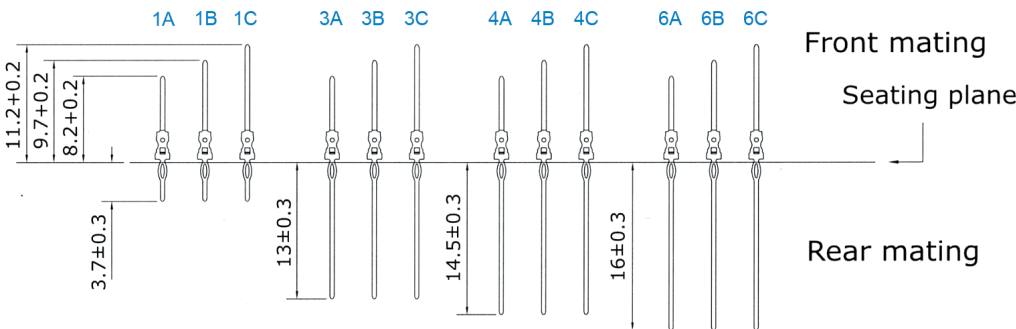
Ausführung
Version

z 1C
a 1A
b 1A
c 1A
d 1A
e 1A
f 1C

Bestellcode / Ordercode

A - 2B25M175P1001 - 1 - H

Stiftoptionen / Pin options



D-Sub /
D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

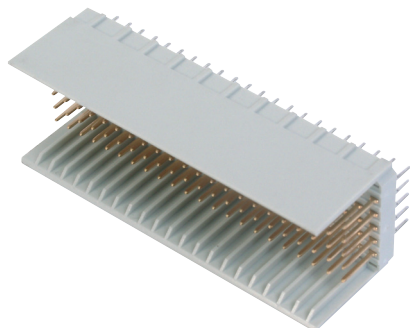
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Phosphorbronze

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω min

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω min

Current rating

1A

Operating temperature

-55°C to +125°C

Operating voltage

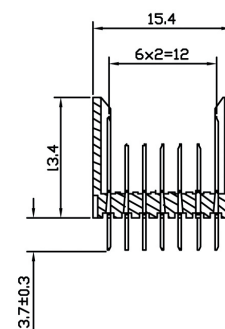
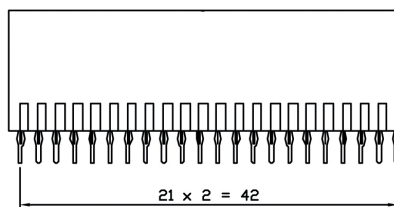
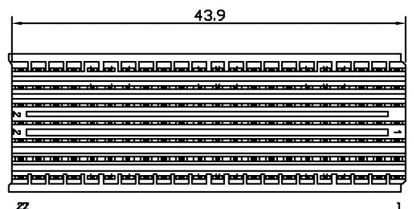
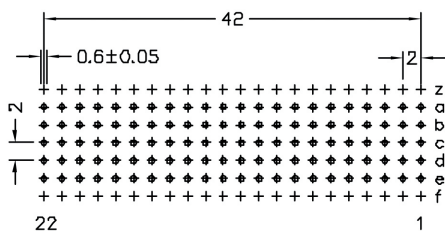
125V AC

Test voltage

750V AC

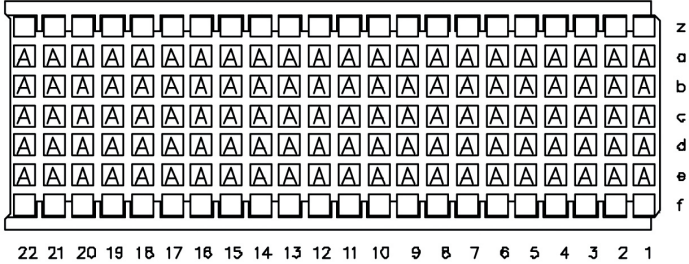
Packing

Tube packing



Detaillierter Bestellcode auf den Seite 197
 Detailed ordercode see page 197

Bestückungsplan
Assembly drawing



22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Polzahl
No. of contacts

110

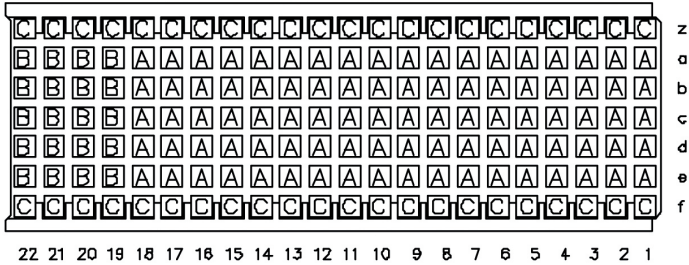
Ausführung
Version

z -
a 1A
b 1A
c 1A
d 1A
e 1A
f -

Bestellcode / Ordercode

A - 2B22M110P1001 - 0 - H

Bestückungsplan
Assembly drawing



22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Polzahl
No. of contacts

110

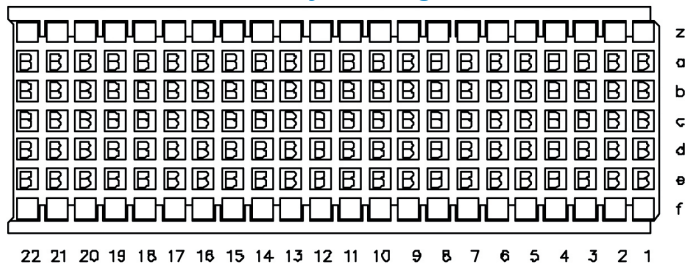
Ausführung
Version

z -
a 1B
b 1B
c 1B
d 1B
e 1B
f -

Bestellcode / Ordercode

A - 2B22M110P1002 - 0 - H

Bestückungsplan
Assembly drawing



22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Polzahl
No. of contacts

154

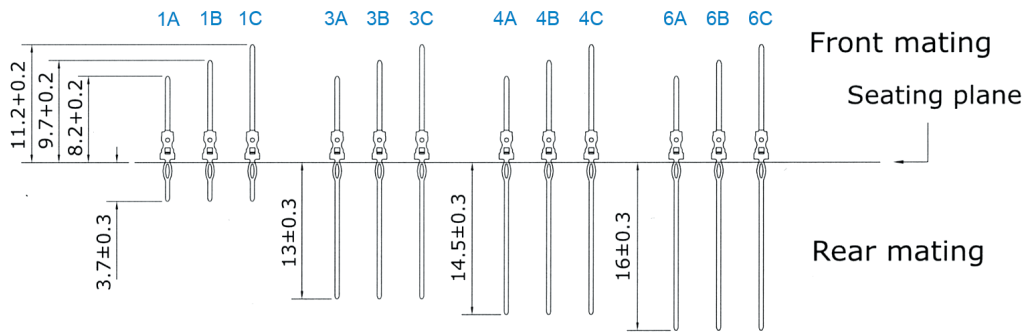
Ausführung
Version

z 1C
a 1A
b 1A
c 1A
d 1A
e 1A
f 1C

Bestellcode / Ordercode

A - 2B22M154P1013 - 1 - H

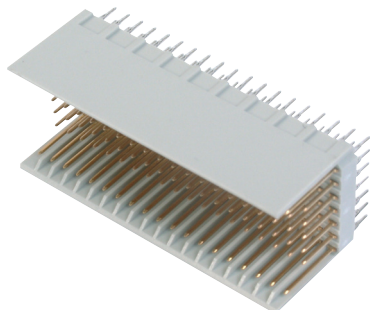
Stiftoptionen / Pin options



1A 1B 1C 3A 3B 3C 4A 4B 4C 6A 6B 6C

Front mating
Seating plane
Rear mating

- 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

Phosphorbronze

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω min

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω min

Current rating

1A

Operating temperature

-55°C to +125°C

Operating voltage

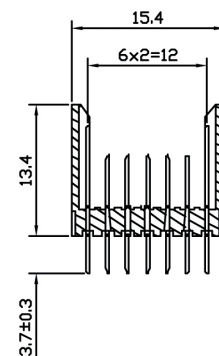
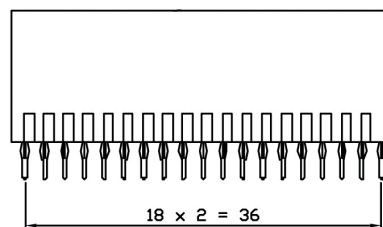
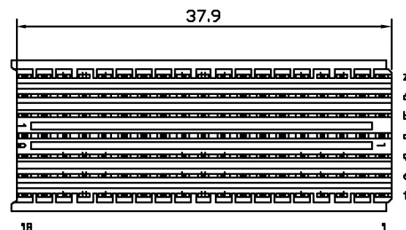
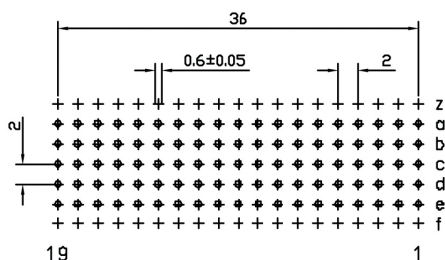
125V AC

Test voltage

750V AC

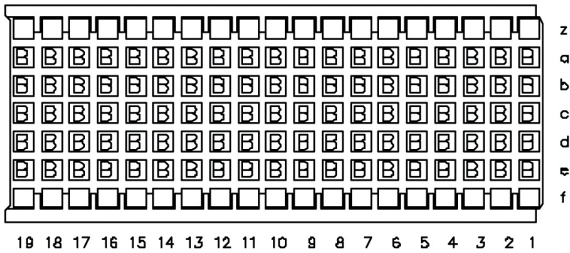
Packing

Tube packing



Detaillierter Bestellcode auf den Seite 199
Detailed ordercode see page 199

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

95

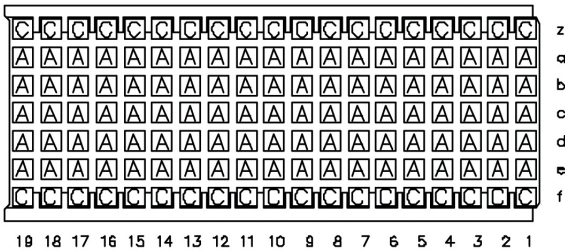
Ausführung
Version

z -
a 1A
b 1A
c 1A
d 1A
e 1A
f -

Bestellcode / Ordercode

A - 2B19M95P1001 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

95

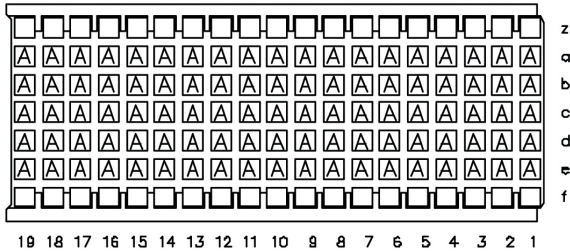
Ausführung
Version

z -
a 1B
b 1B
c 1B
d 1B
e 1B
f -

Bestellcode / Ordercode

A - 2B19M95P1002 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

133

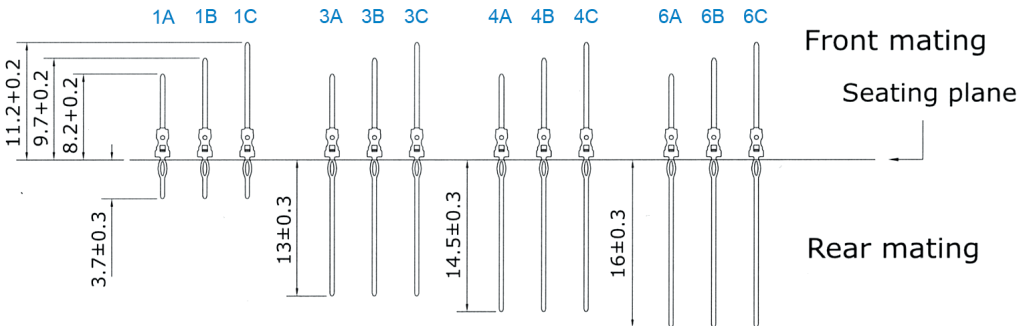
Ausführung
Version

z 1C
a 1A
b 1A
c 1A
d 1A
e 1A
f 1C

Bestellcode / Ordercode

A - 2B19M133P1001 - 1 - H

Stiftoptionen / Pin options



D-Sub /
D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

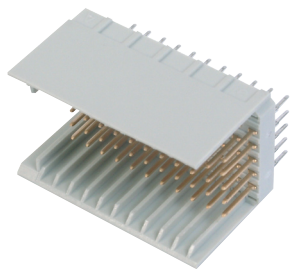
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Phosphorbronze

Kontaktoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω min

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω min

Current rating

1A

Operating temperature

-55°C to +125°C

Operating voltage

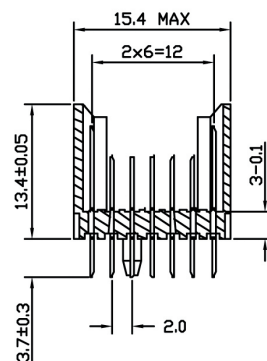
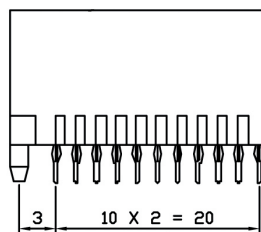
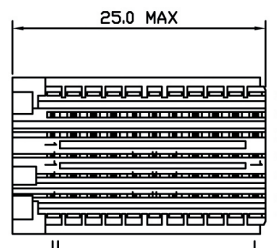
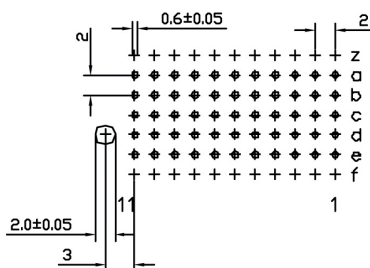
125V AC

Test voltage

750V AC

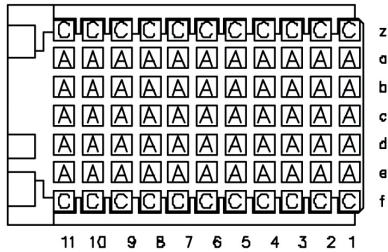
Packing

Tube packing



Detaillierter Bestellcode auf den Seite 201
Detailed ordercode see page 201

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

55

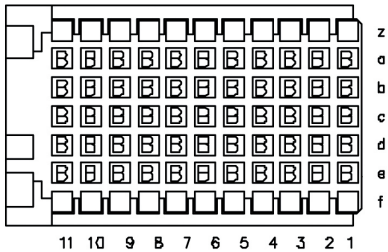
Ausführung
Version

z -
a 1A
b 1A
c 1A
d 1A
e 1A
f -

Bestellcode / Ordercode

A - 2CM55P1001 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

55

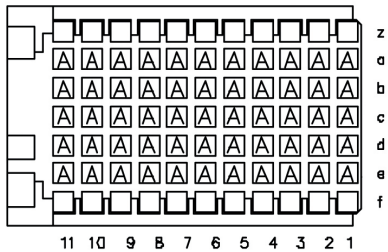
Ausführung
Version

z -
a 1B
b 1B
c 1B
d 1B
e 1B
f -

Bestellcode / Ordercode

A - 2CM55P1002 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

77

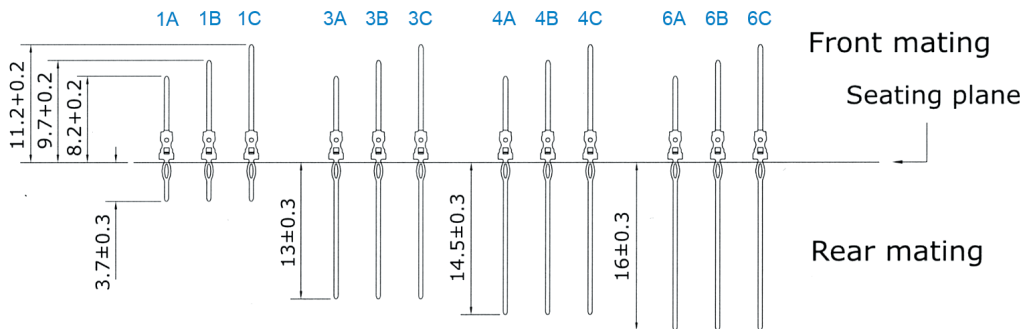
Ausführung
Version

z 1C
a 1A
b 1A
c 1A
d 1A
e 1A
f 1C

Bestellcode / Ordercode

A - 2CM77P1001 - 1 - H

Stiftoptionen / Pin options



D-Sub /
D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

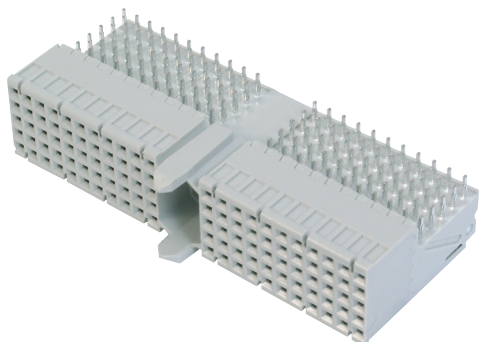
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial

PBT, UL94V-0

Kontaktmaterial

Phosphorbronze

Kontakttoberfläche

Ni, Au / Sn

Kontaktwiderstand

20mΩ max

Isolationswiderstand

10⁴Ω min

Strombelastbarkeit

1A

Betriebstemperatur

-55°C - +125°C

Betriebsspannung

125V AC

Prüfspannung

750V AC

Verpackung

Stangenverpackung

Insulator material

PBT, UL94V-0

Contact material

Phosphor bronze

Plating

Ni, Au / Sn

Contact resistance

20mΩ max

Insulation resistance

10⁴Ω min

Current rating

1A

Operating temperature

-55°C to +125°C

Operating voltage

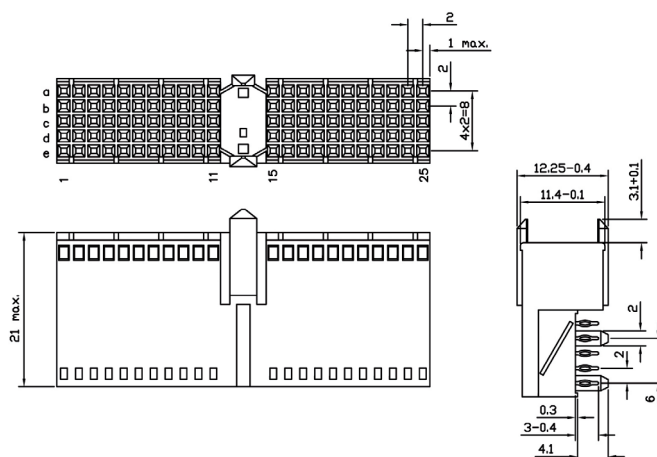
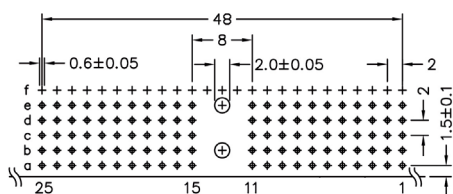
125V AC

Test voltage

750V AC

Packing

Tube packing



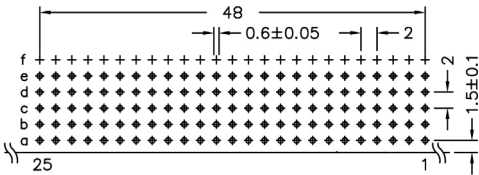
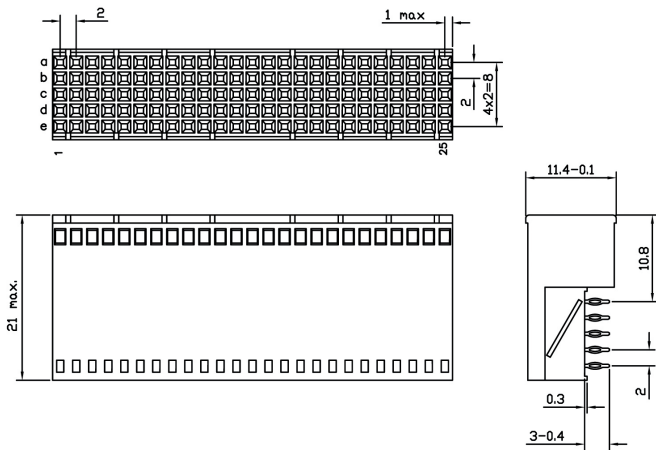
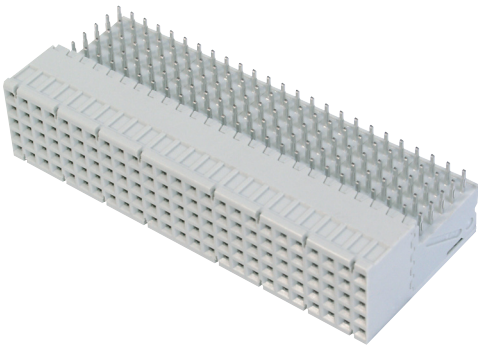
Bestellcode / Ordercode

A - 2AF1105F001 - 0 - H

2,00mm Hard Metric, Bauform B25, Federleiste, abgewinkelt
2.00mm Hard Metric, style B25, female, right-angled

Isolierkörpermaterial
PBT, UL94V-0
Kontaktmaterial
Phosphorbronze
Kontaktoberfläche
Ni, Au / Sn
Kontaktwiderstand
20mΩ max
Isolationswiderstand
10⁴Ω max
Strombelastbarkeit
1A
Betriebstemperatur
-55°C - +125°C
Betriebsspannung
125V AC
Prüfspannung
750V AC
Verpackung
Stangenverpackung

Insulator material
PBT, UL94V-0
Contact material
Phosphor bronze
Plating
Ni, Au / Sn
Contact resistance
20mΩ max
Insulation resistance
10⁴Ω max
Current rating
1A
Operating temperature
-55°C - +125°C
Operating voltage
125V AC
Test voltage
750V AC
Packing
Tube packing



Bestellcode / [Ordercode](#)

A - 2B25F1255F001 - 0 - H

D-Sub /
D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

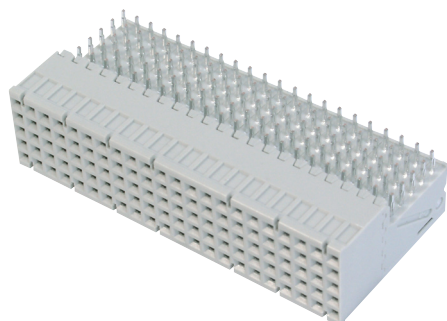
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Phosphorbronze

Kontaktoberfläche
Ni, Au / Sn

Kontaktwiderstand
20mΩ max

Isolationswiderstand
10⁴Ω min

Strombelastbarkeit
1A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
125V AC

Prüfspannung
750V AC

Verpackung
Stangenverpackung

Insulator material
PBT, UL94V-0

Contact material
Phosphor bronze

Plating
Ni, Au / Sn

Contact resistance
20mΩ max

Insulation resistance
10⁴Ω min

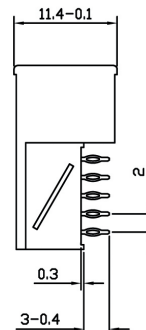
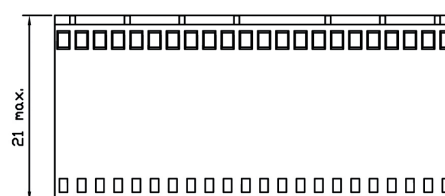
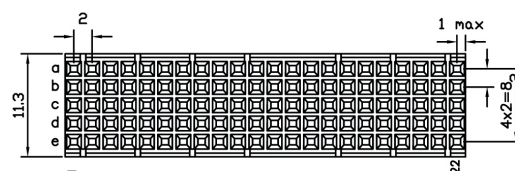
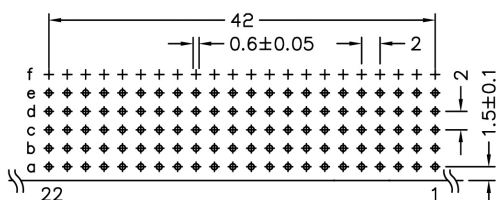
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Bestellcode / Ordercode

A - 2B221105F001 - 0 - H

Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Phosphorbronze

Kontaktoberfläche
Ni, Au / Sn

Kontaktwiderstand
20mΩ max

Isolationswiderstand
10⁴Ω max

Strombelastbarkeit
1A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
125V AC

Prüfspannung
750V AC

Verpackung
Stangenverpackung

Insulator material
PBT, UL94V-0

Contact material
Phosphor bronze

Plating
Ni, Au / Sn

Contact resistance
20mΩ max

Insulation resistance
10⁴Ω max

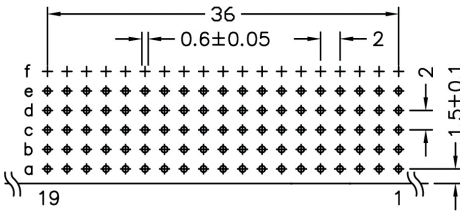
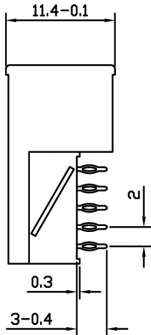
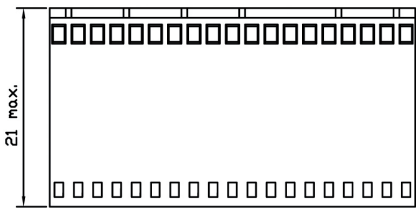
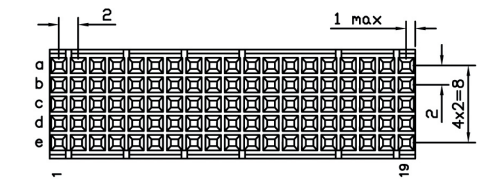
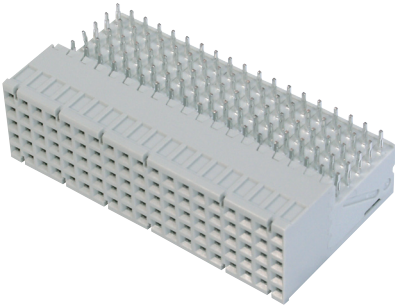
Current rating
1A

Operating temperature
-55°C - +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Bestellcode / [Ordercode](#)

A - 2B19F955F001 - 0 - H

D-Sub /
D-Sub Hauben /
Centronics

Multiflex -
DIN 41651

Modular

USB
IEEE 1394

Schalter

Einbaustecker
Einbaubuchsen

DIN 41612
DIN 41617
Hard Metric

MiniDIN

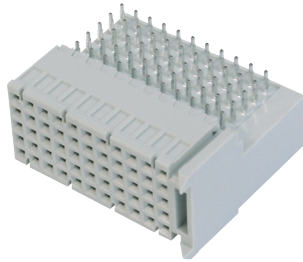
Stiftleisten
Buchsenleisten
Sockel / Jumper

Klemmleisten

Speicherkarten
Steckverbinder

FFC / FPC

Micro-
Miniature



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Phosphorbronze

Kontakttoberfläche
Ni, Au / Sn

Kontaktwiderstand
20mΩ max

Isolationswiderstand
10⁴Ω min

Strombelastbarkeit
1A

Betriebstemperatur
-55°C - +125°C

Betriebsspannung
125V AC

Prüfspannung
750V AC

Verpackung
Stangenverpackung

Insulator material
PBT, UL94V-0

Contact material
Phosphor bronze

Plating
Ni, Au / Sn

Contact resistance
20mΩ max

Insulation resistance
10⁴Ω min

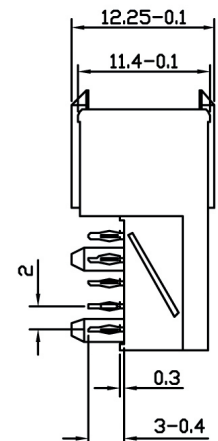
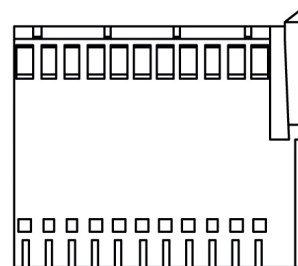
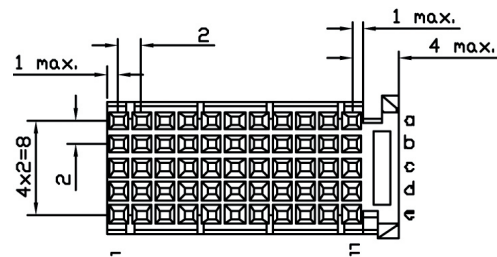
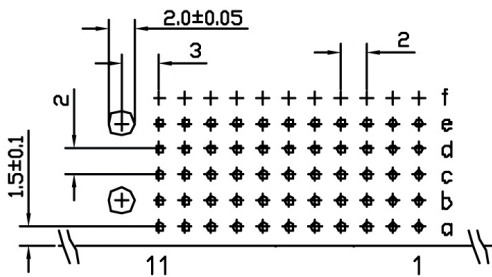
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Bestellcode / Ordercode

A - 2CF555F001 - 0 - H

Firma / Company:	Tel:
Kontaktperson / Contact Name:	Fax:
Adresse / Address:	E-Mail:
Mustermenge / Sample Qty:	Jahresbedarf / Annual demand:

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

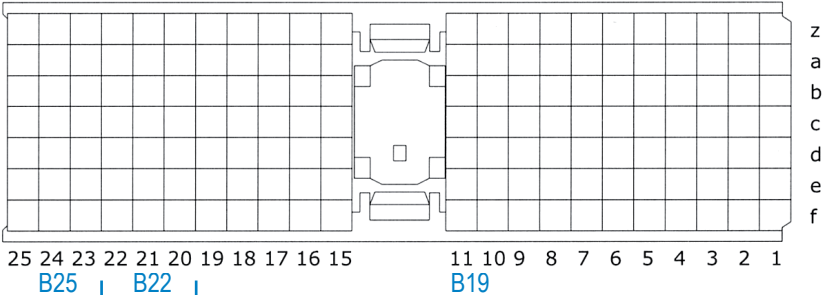
Klemmleisten

Speicherkarten
Steckverbinder

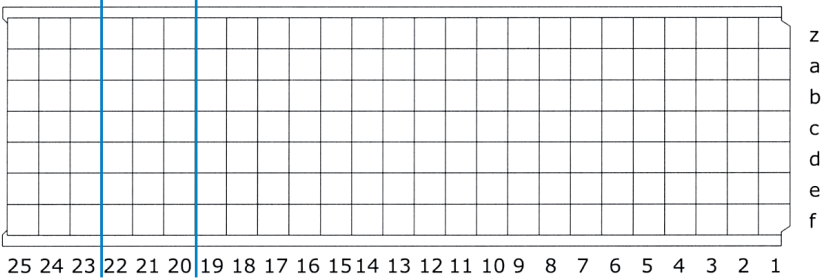
FFC / FPC

Micro-
Miniature

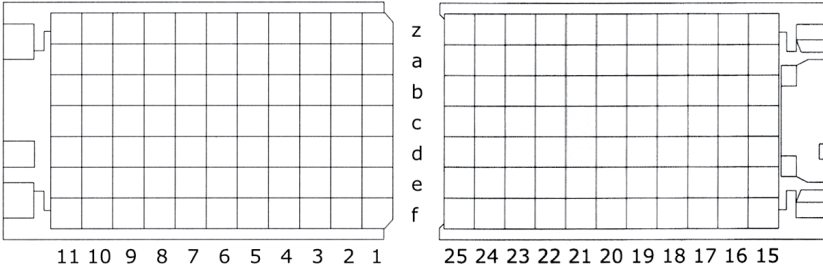
Type-A Connector



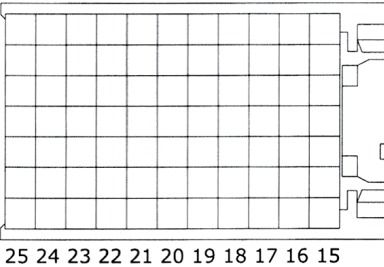
Type-B Connector



Type-C Connector



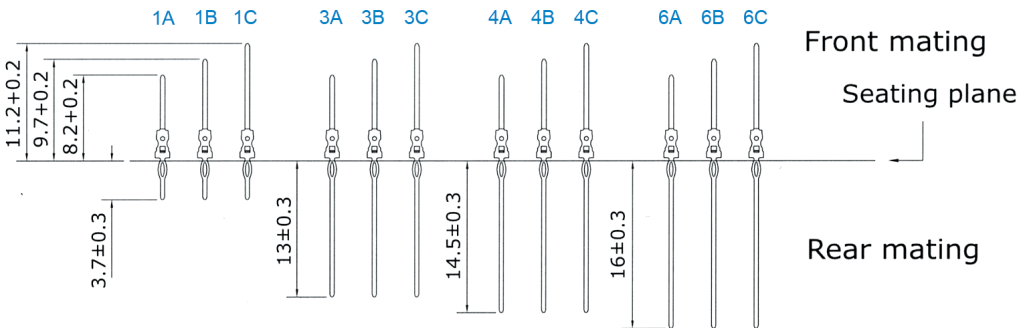
Type-M Connector



Plating options:

GF	G=0,38µm	H=0,76µm*	J=1µm
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gold on contact area



Bitte Tabelle auswählen und mit Code für Pinlänge vervollständigen. Vergütung der Pins durch [X] markieren.
Please choose and complete tab with code for pinlength. Please mark plating with [X].

* Standard
* Standard