

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.

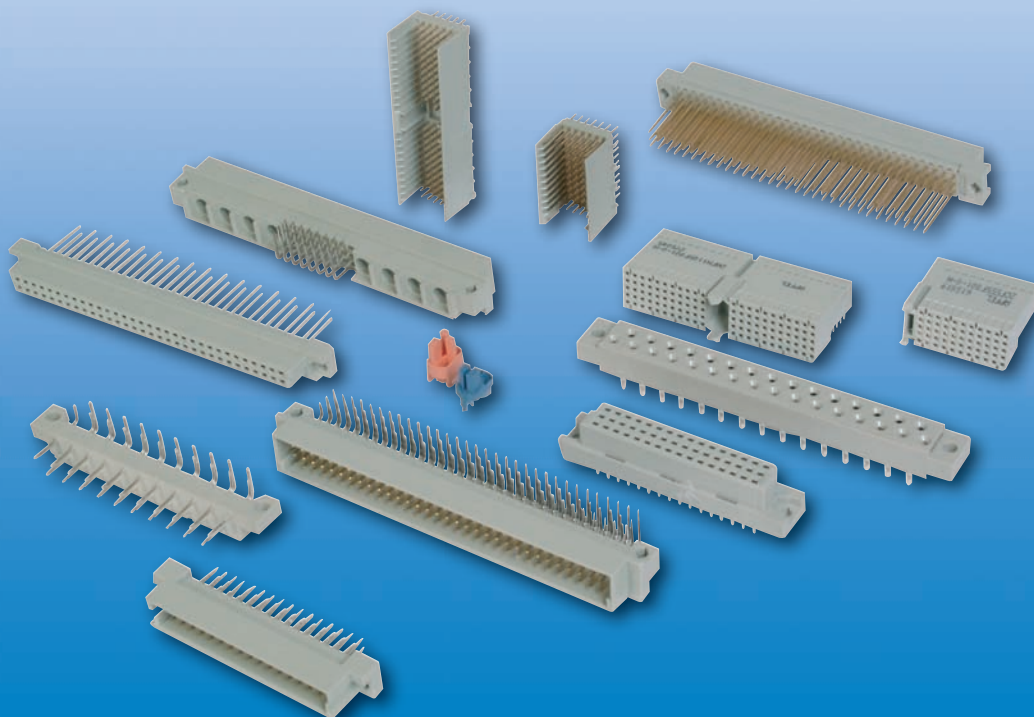
Aus dem Hause ASSMANN WSW components sind weiterhin die traditionellen Steckverbinder nach DIN 41617 im Raster 2,50mm erhältlich, die einst die Vorgänger der o.g. DIN 41612 Steckverbinderfamilie waren. Dieses Steckverbindersystem zeichnet sich durch seine erprobte „Robustheit“ aus. Steckverbinder nach 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 connector 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 GmbH 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.

DIN 41617 connectors traditionally offered by ASSMANN WSW components based on the 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

DIN41612, Bauform B, Messerleiste, Raster 2.54mm	198
DIN41612, Bauform B, Federleiste, gerade, Raster 2.54mm	199
DIN41612, Bauform C, Messerleiste, Raster 2.54mm	200
DIN41612, Bauform C, Federleiste, gerade, Raster 2.54mm	201
DIN41612, Bauform Q, Messerleiste, gerade, Raster 2.54mm	202
DIN41612, Bauform Q, Federleiste, abgewinkelt, Raster 2.54mm	203
DIN41612, Bauform R, Messerleiste, gerade, Raster 2.54mm	204
DIN41612, Bauform R, Federleiste, abgewinkelt, Raster 2.54mm	205
DIN41617, Messerleiste, abgewinkelte Lötstifte, Raster 2.50mm	206
DIN41617, Federleiste, Raster 2.50mm	207
2.00mm Hard Metric, Bauform A, Messerleiste, gerade	209
2.00mm Hard Metric, Bauform B25, Messerleiste, gerade	212
2.00mm Hard Metric, Bauform B22, Messerleiste, gerade	214
2.00mm Hard Metric, Bauform B19, Messerleiste, gerade	216
2.00mm Hard Metric, Bauform C, Messerleiste, gerade	218
2.00mm Hard Metric, Bauform A, Federleiste, abgewinkelt	220
2.00mm Hard Metric, Bauform B25, Federleiste, abgewinkelt	221
2.00mm Hard Metric, Bauform B22, Federleiste, abgewinkelt	222
2.00mm Hard Metric, Bauform B19, Federleiste, abgewinkelt	223
2.00mm Hard Metric, Bauform C, Federleiste, abgewinkelt	224

Product description

page

DIN41612, style B, male, pitch 2.54mm	198
DIN41612, style B, female, straight, pitch 2.54mm	199
DIN41612, style C, male, pitch 2.54mm	200
DIN41612, style C, female, straight, pitch 2.54mm	201
DIN41612, style Q, male, straight, pitch 2.54mm	202
DIN41612, style Q, female, right-angled, pitch 2.54mm	203
DIN41612, style R, male, straight, pitch 2.54mm	204
DIN41612, style R, female, right angled, pitch 2.54mm	205
DIN41617, male, right-angled solder pins, pitch 2.50mm	206
DIN41617, female, pitch 2.50mm	207
2.00mm Hard Metric, style A, male, straight	209
2.00mm Hard Metric, style B25, male, straight	212
2.00mm Hard Metric, style B22, male, straight	214
2.00mm Hard Metric, style B19, male, straight	216
2.00mm Hard Metric, style C, male, straight	218
2.00mm Hard Metric, style A, female, right-angled	220
2.00mm Hard Metric, style B25, female, right-angled	221
2.00mm Hard Metric, style B22, female, right-angled	222
2.00mm Hard Metric, style B19, female, right-angled	223
2.00mm Hard Metric, style C, female, right-angled	224



Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41611

Modular

USB
IEEE1394

Switches

Powercords
Powerinlets

DIN41612
Hardmetric

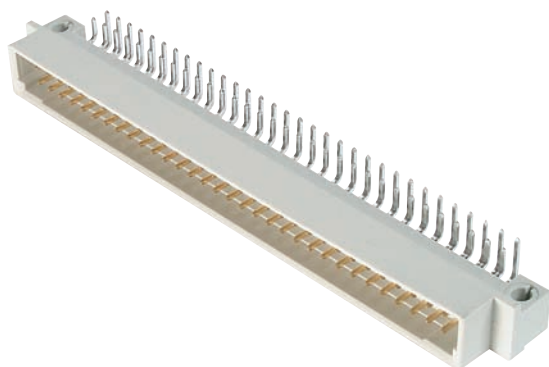
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

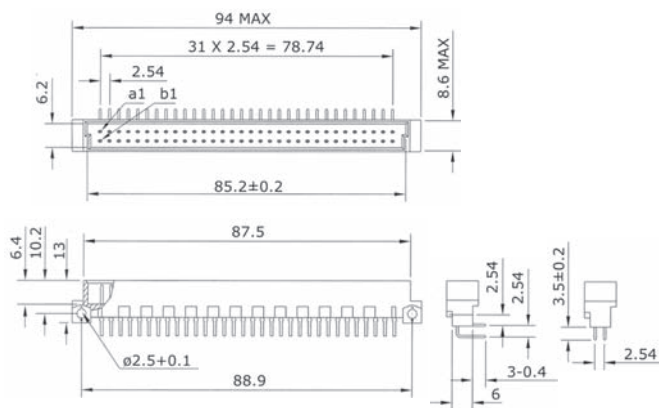
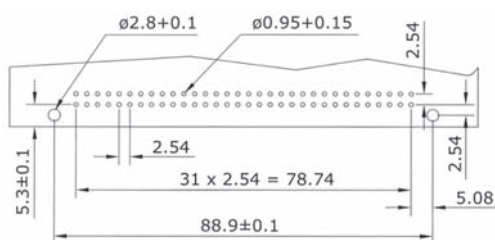
Current rating
2A

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

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

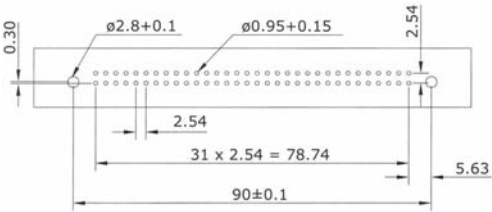
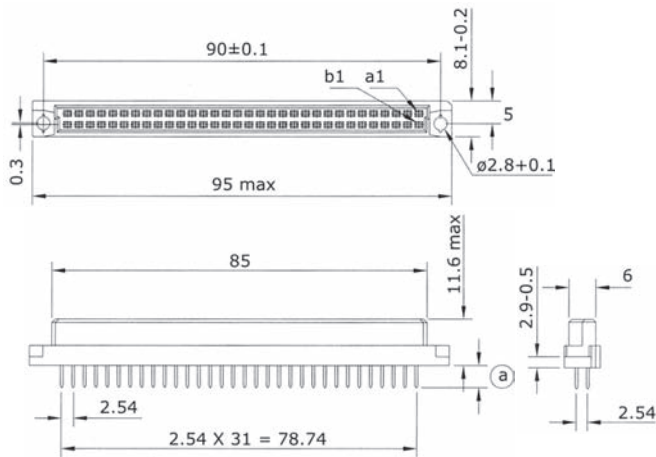
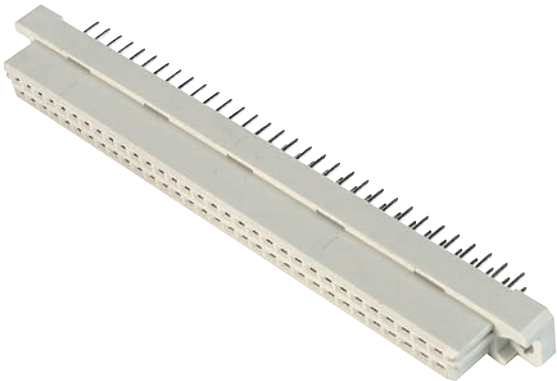
A - B M x x - x

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

* Standard

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
1250V 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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powernets

DIN41612
Hardmetric

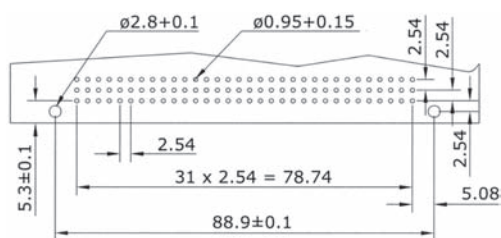
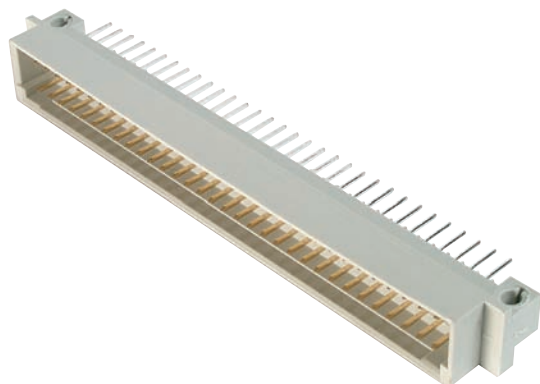
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Messing

Kontaktüberfläche
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

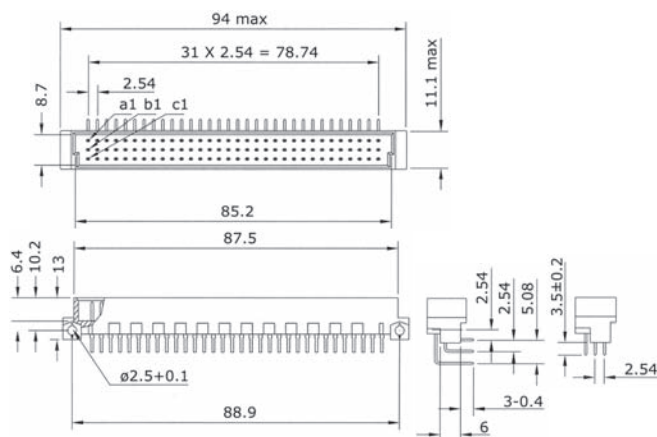
Current rating
2A

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

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

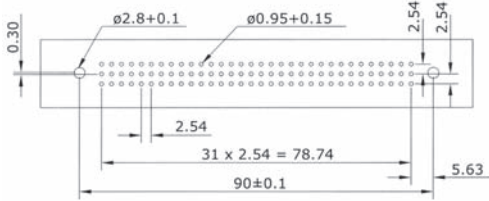
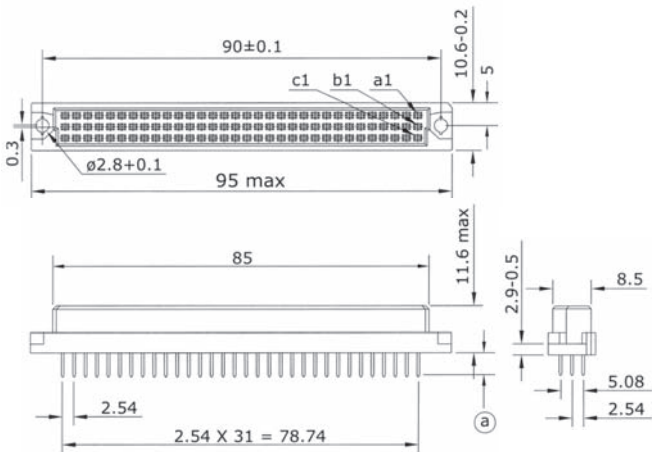
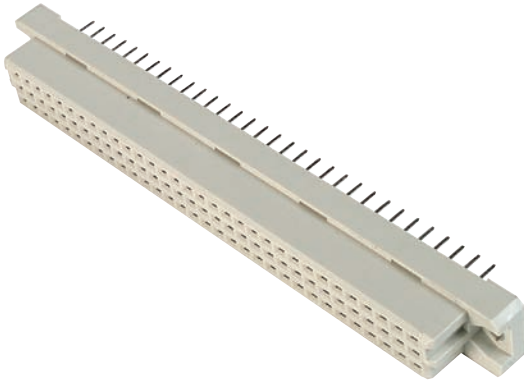
250V AC

Test voltage

1000V AC

Packing

Tray packing



Bestellcode / Ordercode

Bestückung

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

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)

Gütestufe

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

Positions loaded

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

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)

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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powernets

DIN41612
Hardmetric

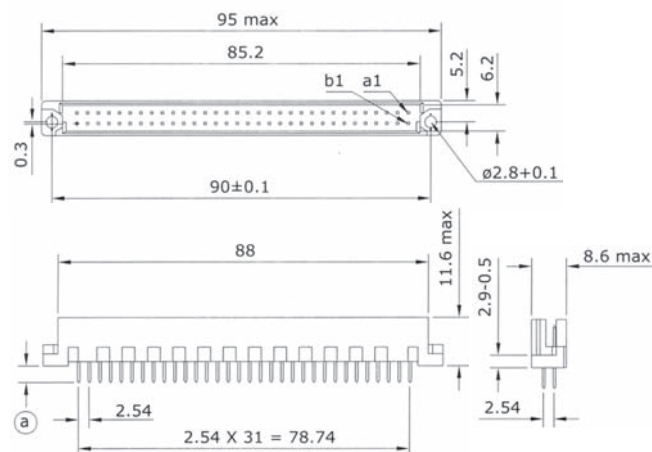
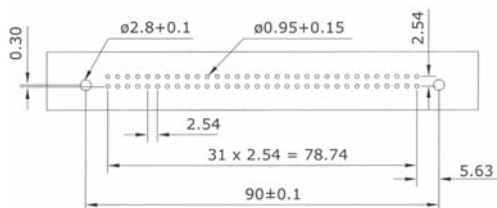
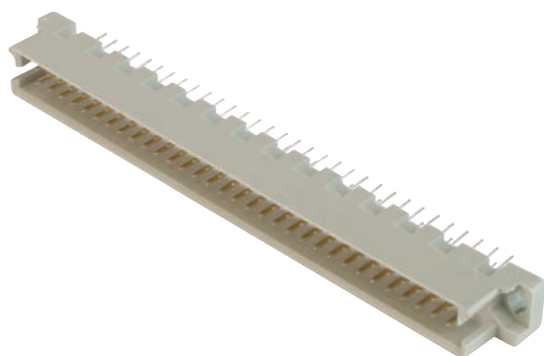
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

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

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

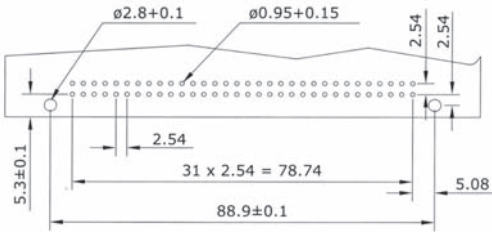
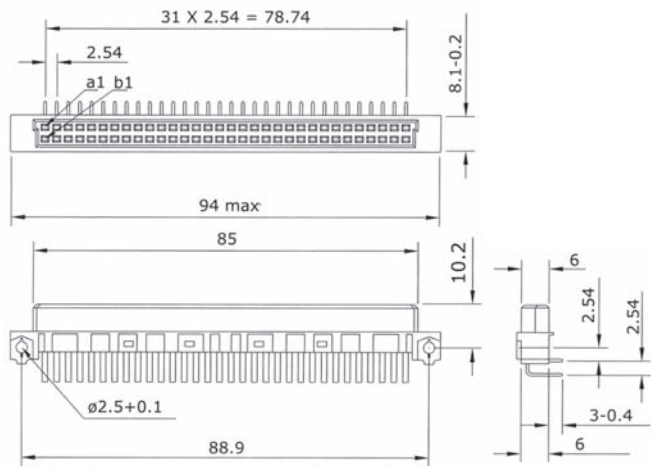
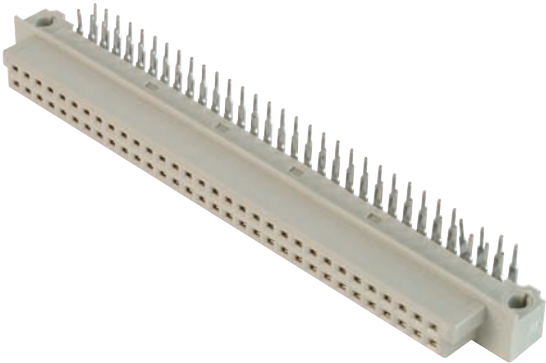
250V AC

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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powernets

DIN41612
Hardmetric

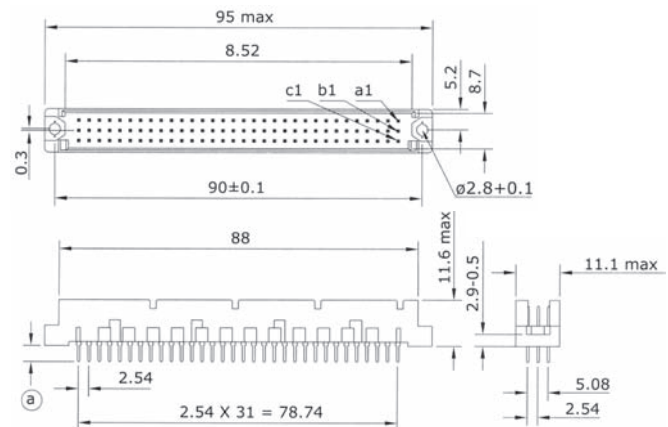
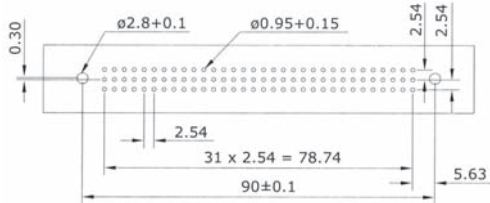
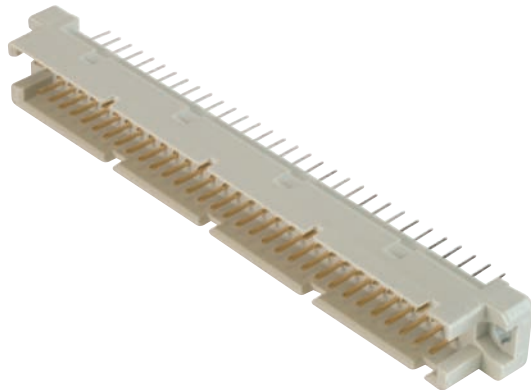
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Messing

Kontaktüberfläche
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 - R M x x - x

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

* 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

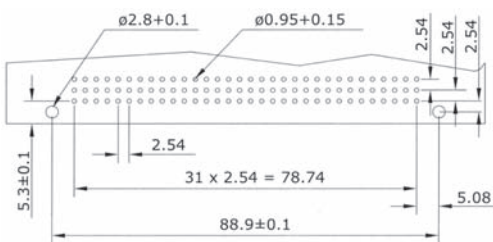
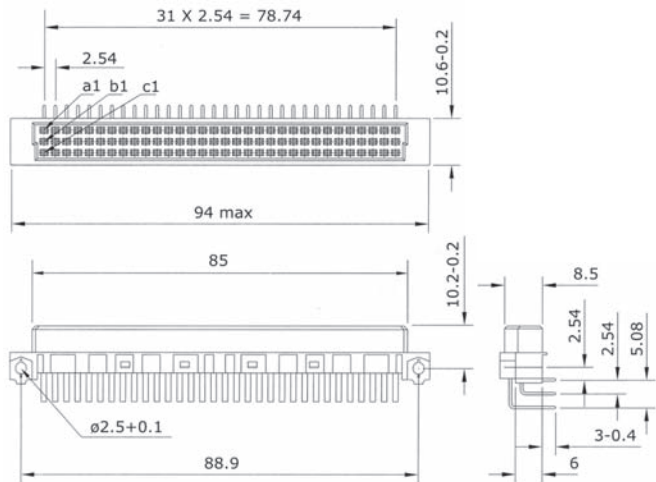
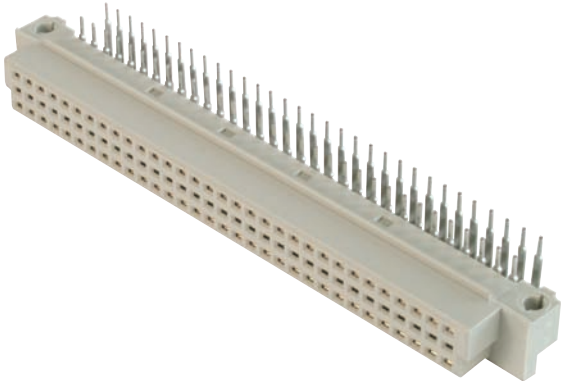
Current rating
2A

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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powernets

DIN41612
Hardmetric

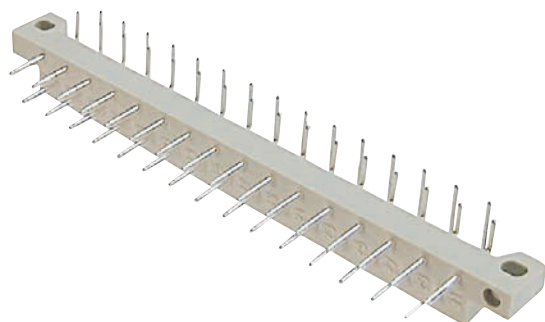
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

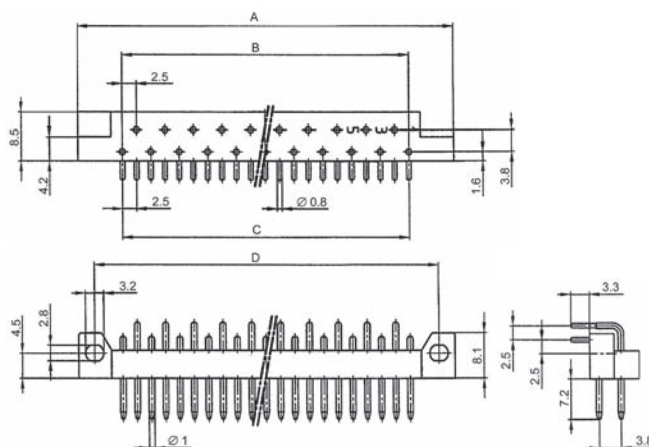
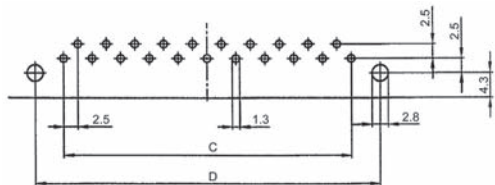
Operating temperature
-55°C to +125°C

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

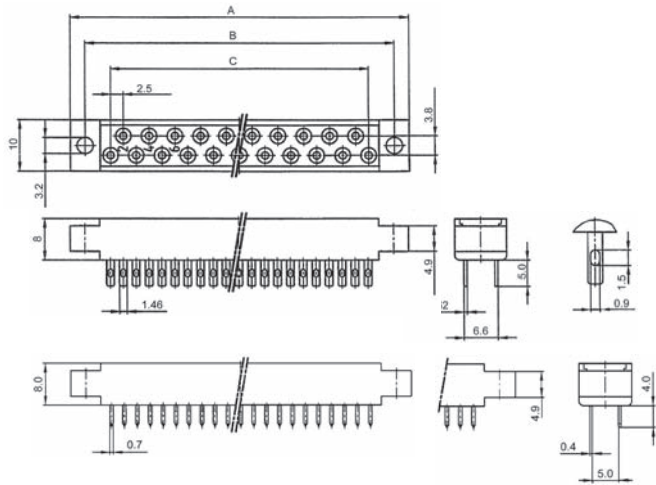
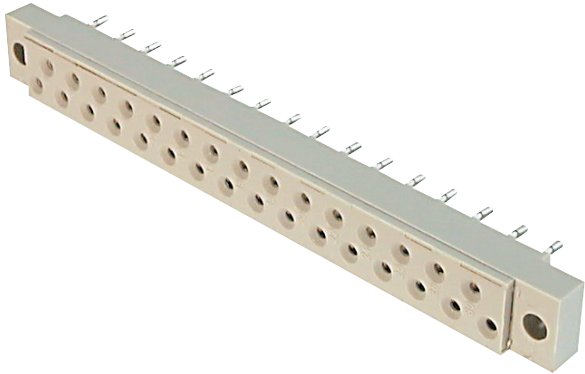
250V AC

Test voltage

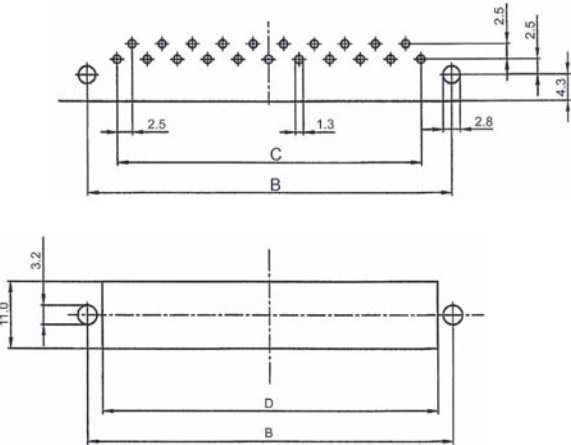
900V AC

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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powerinlets

DIN41612
Hardmetric

MiniDIN

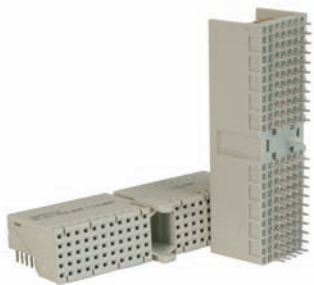
Sockets / Strips
Jumper

Terminal Blocks

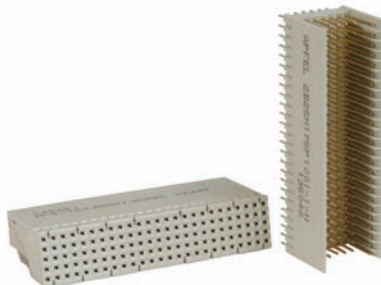
Memory Card

FFC / FPC

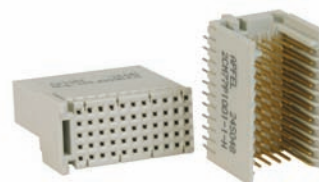
Type A



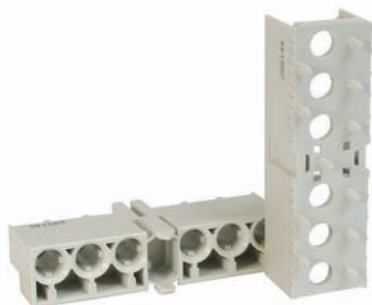
Type B



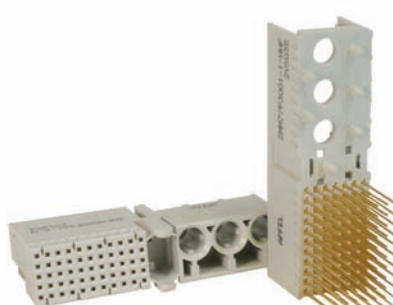
Type C



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 international IEC 917 und IEC 61076-4-101

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powerline

DIN41612
Hardmetric

MiniDIN

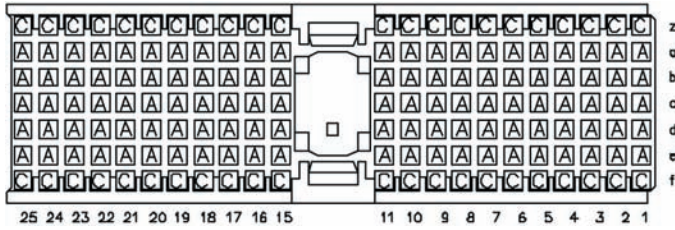
Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC

Bestückungsplan Assembly drawing



Polzahl
No. of contacts

110

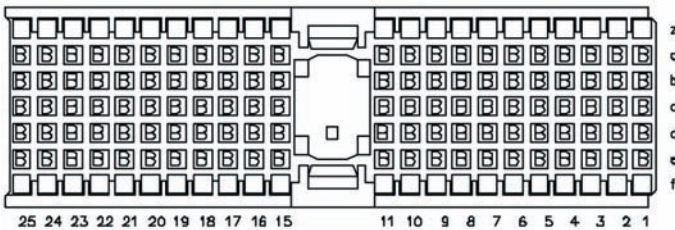
Ausführung
Version

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

110

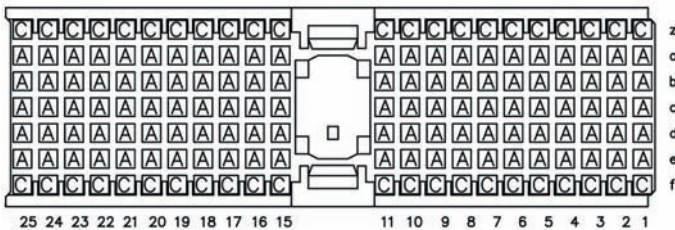
Ausführung
Version

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

154

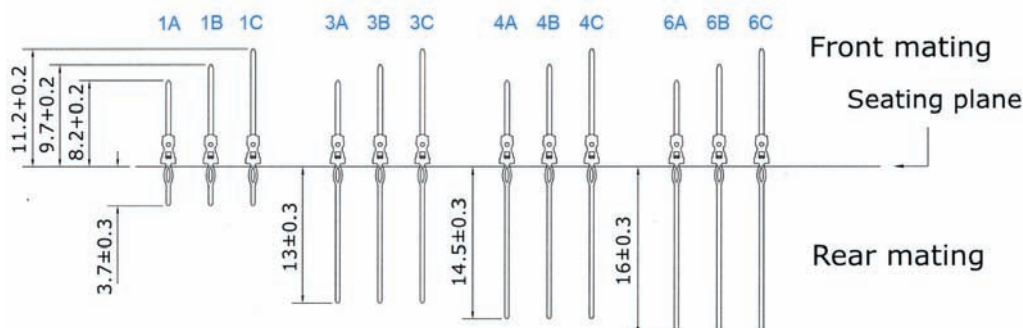
Ausführung
Version

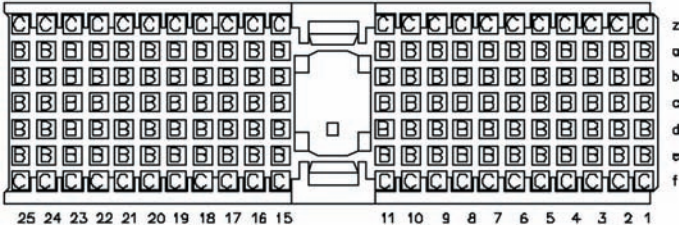
z 1C
a 1A
b 1A
c 1A
d 1A
e 1A
f 1C

Bestellcode / Ordercode

A - 2AM110P1001 - 1 - H

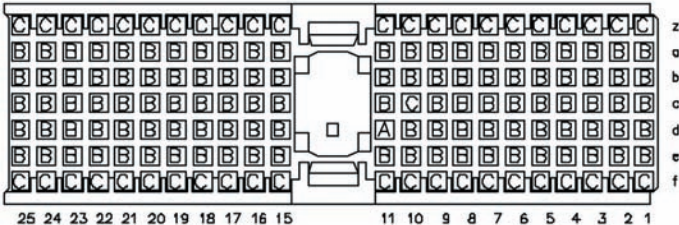
Stiftoptionen / Pin options



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	-															

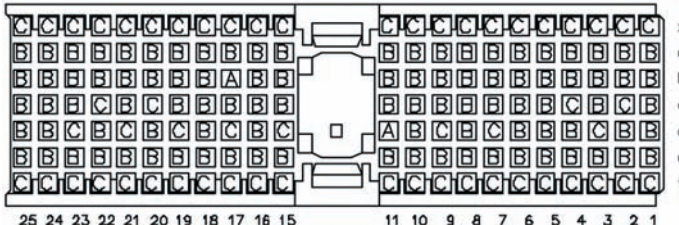
Bestellcode / Ordercode

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

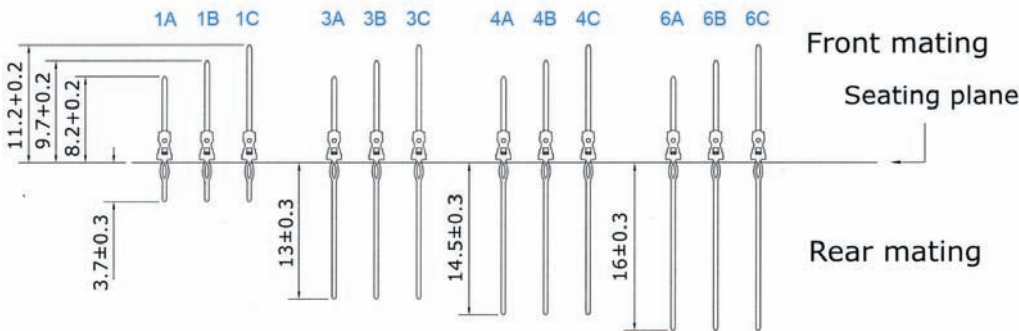
A - 2AM154P1011 - 1 - H

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															

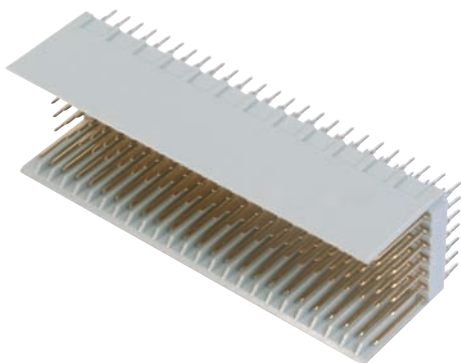
Bestellcode / Ordercode

A - 2AM154P1012 - 1 - H

Stiftoptionen / Pin options



- Cable assemblies
- D-Sub / Hoods Centronics
- Multiflex - DIN41651
- Modular
- USB IEEE1394
- Switches
- Powercords Powermats
- DIN41612 Hardmetric
- MiniDIN
- Sockets / Strips Jumper
- Terminal Blocks
- Memory Card
- FFC / FPC



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

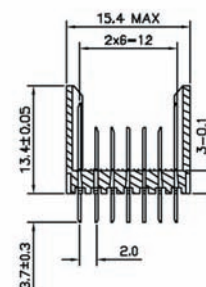
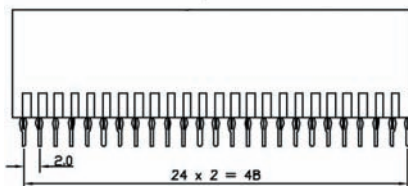
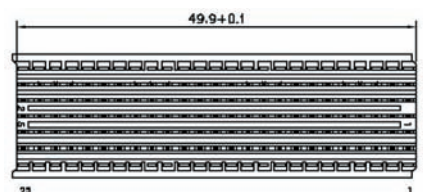
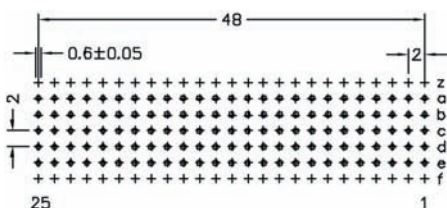
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

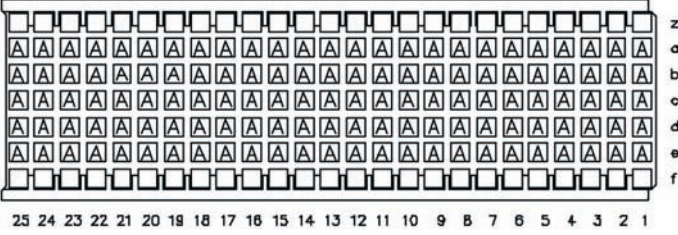
Test voltage
750V AC

Packing
Tube packing



Detaillierter Bestellcode auf den Seite 213
Detailed ordercode see page 213

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

125

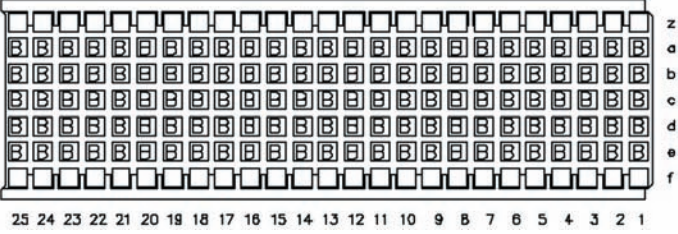
Ausführung
Version

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

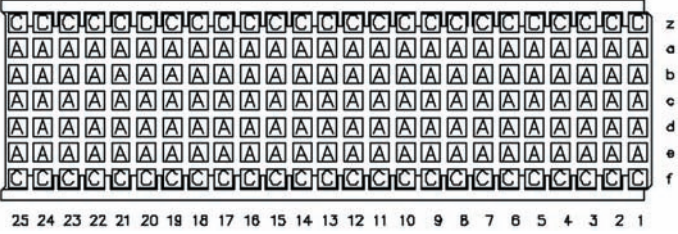
Ausführung
Version

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

Bestellcode / Ordercode

A - 2B23M125P1002 - 0 - H

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

154

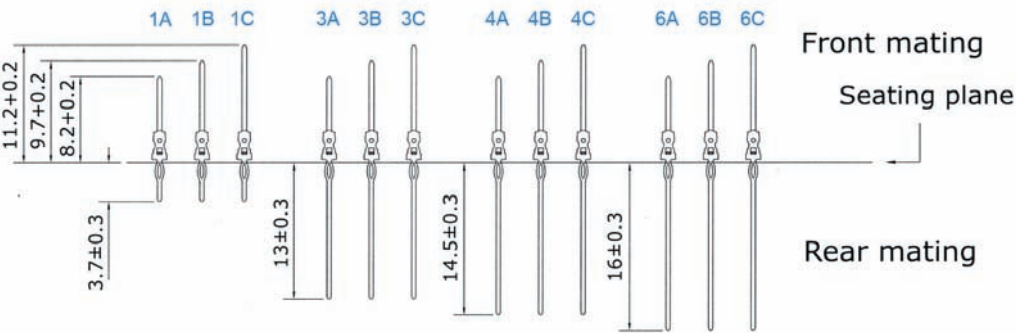
Ausführung
Version

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

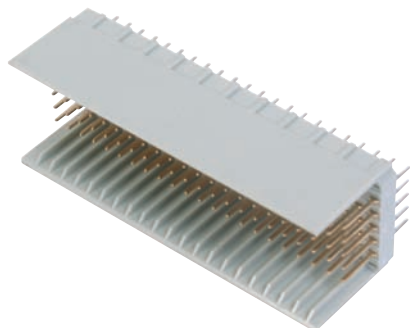
Bestellcode / Ordercode

A - 2B25M175P1001 - 1 - H

Stiftoptionen / Pin options



- Cable assemblies
- D-Sub / Hoods Centronics
- Multiflex - DIN41651
- Modular
- USB IEEE1394
- Switches
- Powercords Powermats
- DIN41612 Hardmetric
- MiniDIN
- Sockets / Strips Jumper
- Terminal Blocks
- Memory Card
- FFC / FPC



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

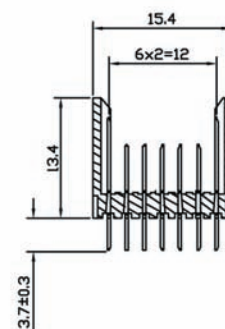
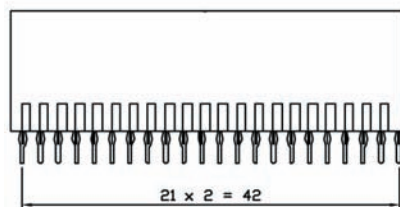
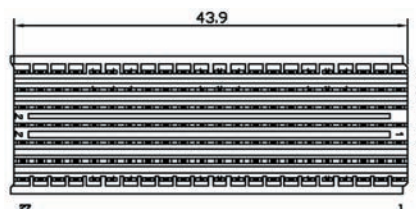
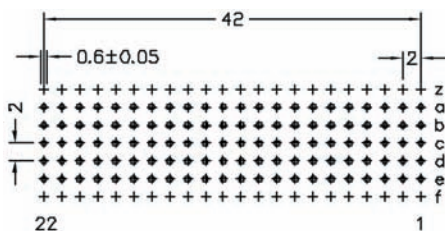
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Detaillierter Bestellcode auf den Seite 215
Detailed ordercode see page 215

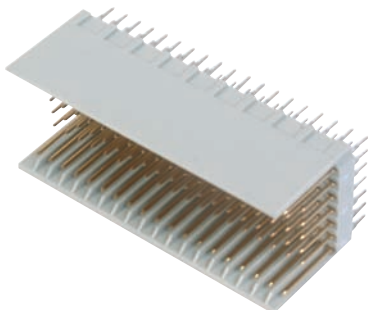
Bestückungsplan Assembly drawing		Polzahl No. of contacts	Ausführung Version
		110	z -
			a 1A
			b 1A
			c 1A
			d 1A
			e 1A
			f -
Bestellcode / Ordercode			
A - 2B22M110P1001 - 0 - H			

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 - 2B22M110P1002 - 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 - 2B22M154P1013 - 1 - H			

Stiftoptionen / Pin options	

Cable assemblies
D-Sub / Hoods Centronics
Multiflex - DIN41651
Modular
USB IEEE1394
Switches
Powercords Powernets
DIN41612 Hardmetric
MiniDIN
Sockets / Strips Jumper
Terminal Blocks
Memory Card
FFC / FPC



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

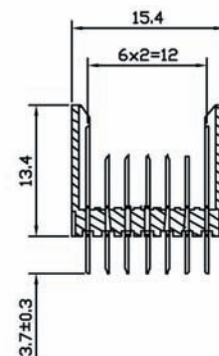
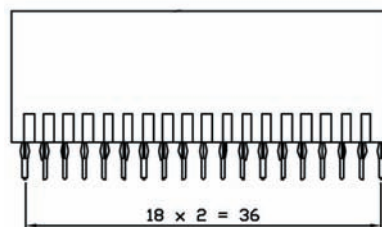
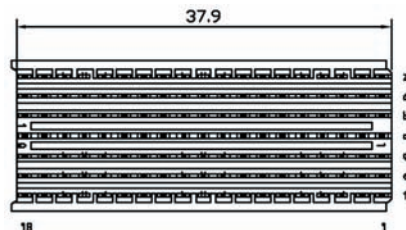
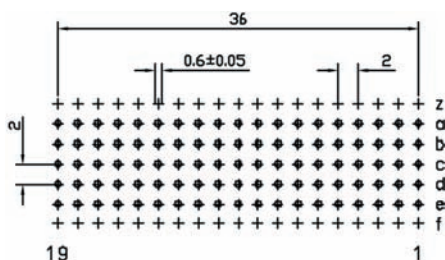
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

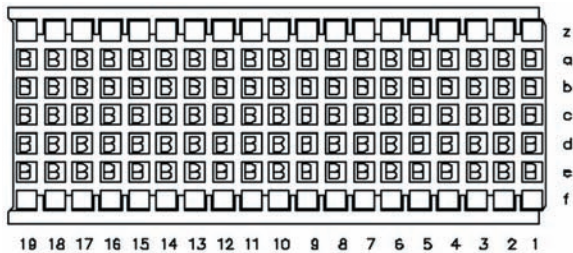
Test voltage
750V AC

Packing
Tube packing



Detaillierter Bestellcode auf den Seite 217
Detailed ordercode see page 217

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

95

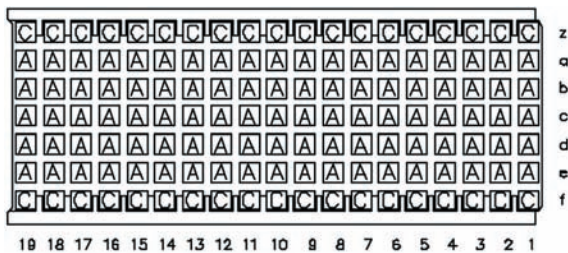
Ausführung
Version

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

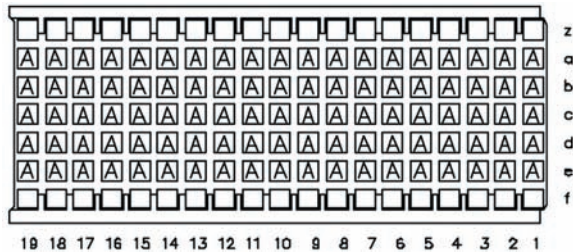
Ausführung
Version

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

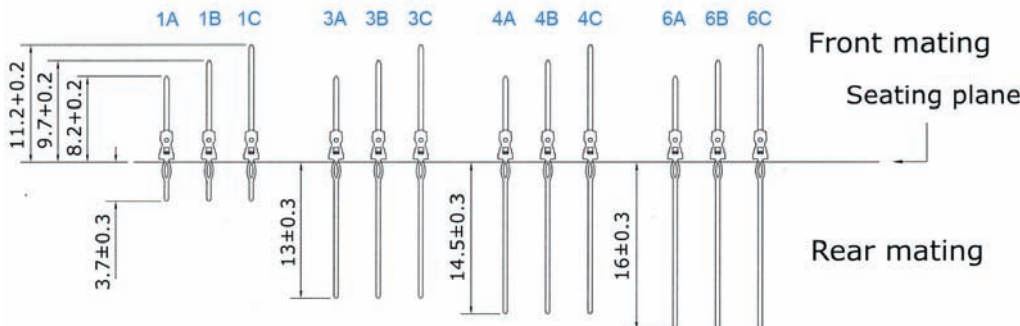
Ausführung
Version

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

Bestellcode / Ordercode

A - 2B19M133P1001 - 1 - H

Stiftoptionen / Pin options



Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41661

Modular

USB
IEEE1394

Switches

Powercords
Powernets

DIN41612
Hardmetric

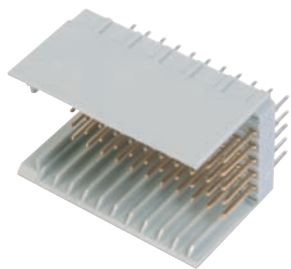
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

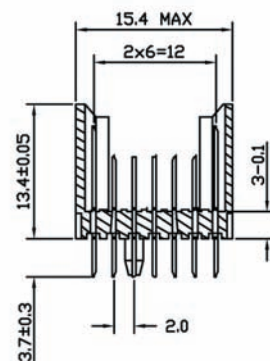
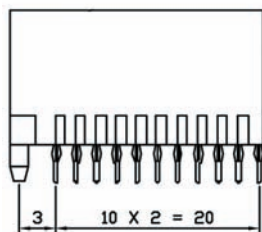
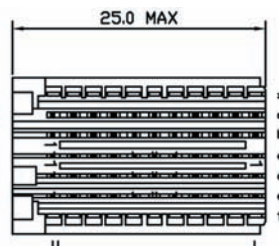
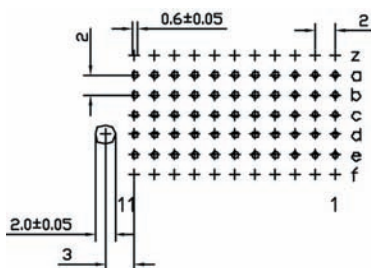
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

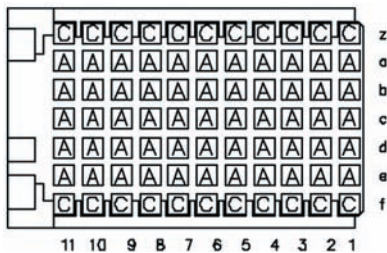
Test voltage
750V AC

Packing
Tube packing



Detaillierter Bestellcode auf den Seite 219
Detailed ordercode see page 219

Bestückungsplan
Assembly drawing



Polzahl
No. of contacts

55

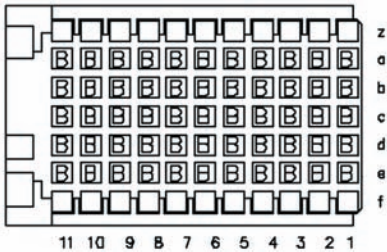
Ausführung
Version

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

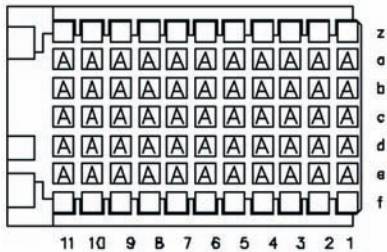
Ausführung
Version

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

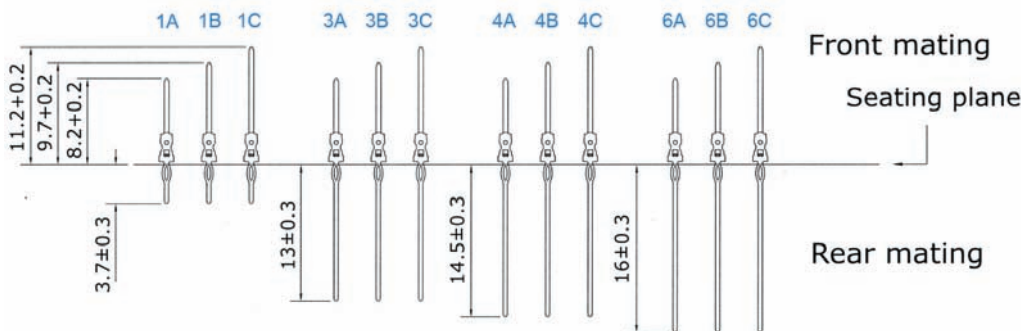
Ausführung
Version

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

Bestellcode / Ordercode

A - 2CM77P1001 - 1 - H

Stiftoptionen / Pin options



Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powerline

DIN41612
Hardmetric

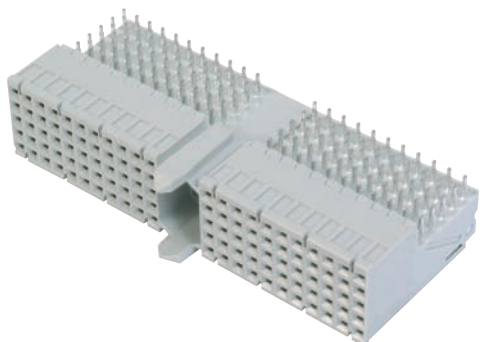
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

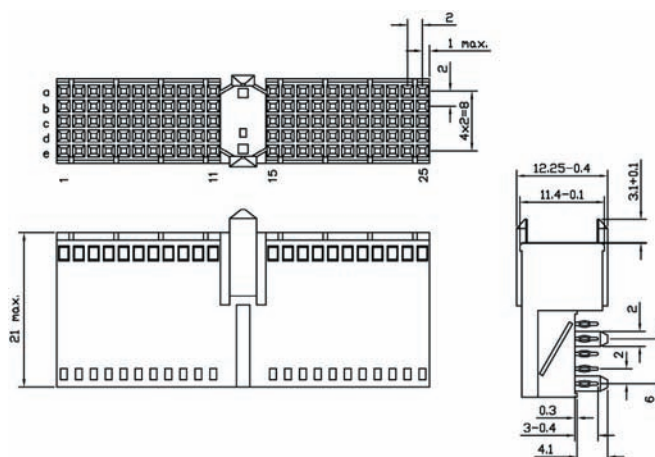
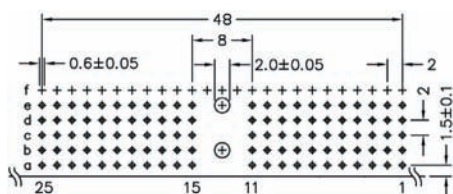
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing

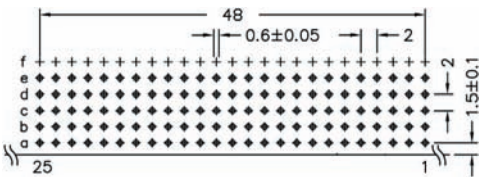
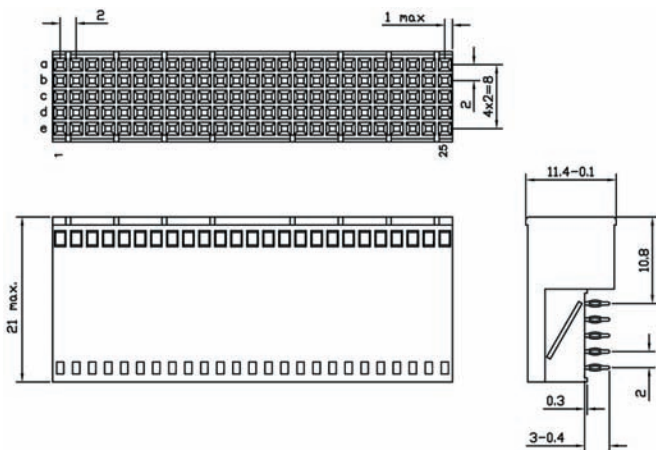
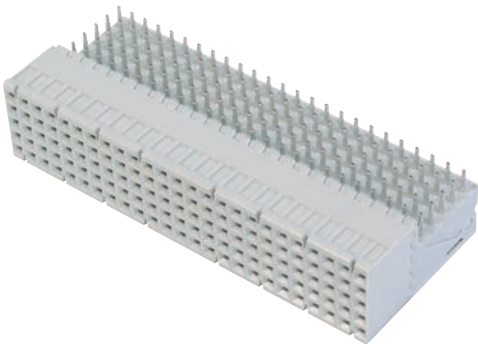


Bestellcode / Ordercode

A - 2AF1105F001 - 0 - H

Isolierkörpermaterial
PBT, UL94V-0
Kontaktmaterial
Phosphorbronze
Kontaktfläche
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

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powerinlets

DIN41612
Hardmetric

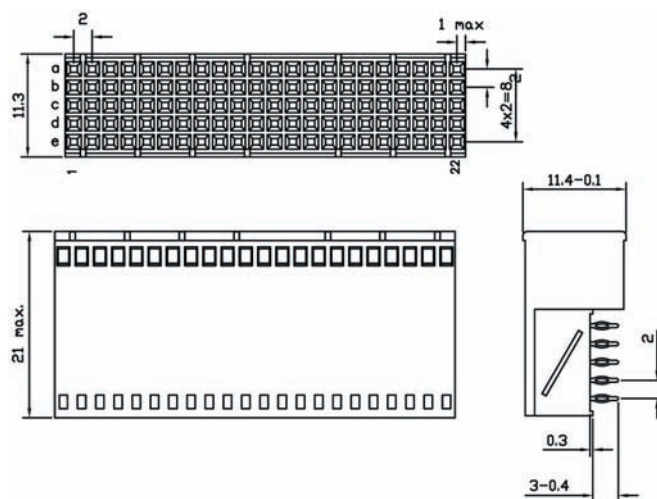
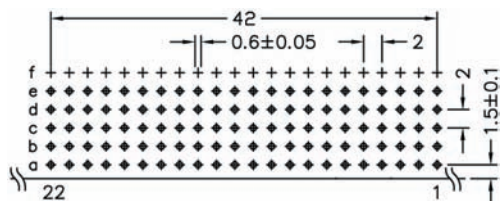
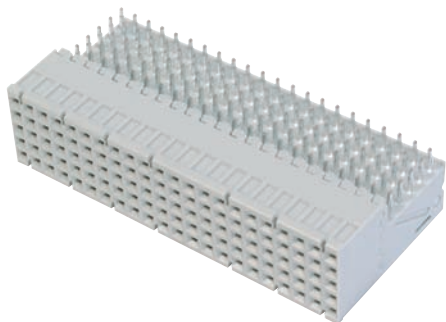
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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 - 2B221105F001 - 0 - H

Isolierkörpermaterial
PBT, UL94V-0

Kontaktmaterial
Phosphorbronze

Kontaktfläche
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

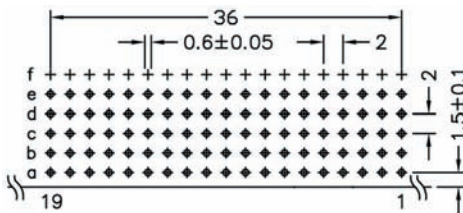
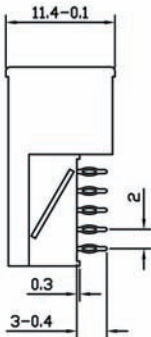
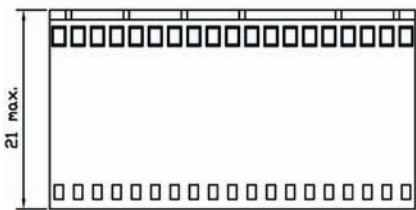
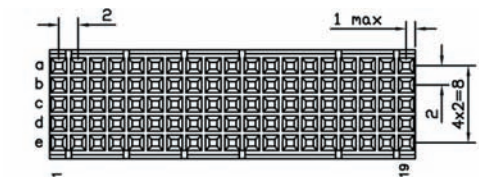
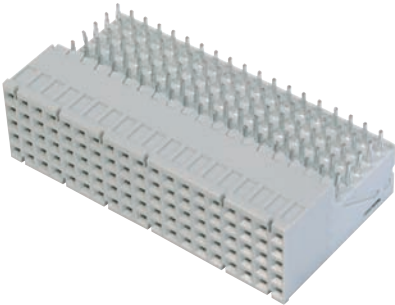
Current rating
1A

Operating temperature
-55°C - +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Bestellcode / [Ordercode](#)

A - 2B19F955F001 - 0 - H

Cable
assemblies

D-Sub / Hoods
Centronics

Multiflex -
DIN41651

Modular

USB
IEEE1394

Switches

Powercords
Powerinlets

DIN41612
Hardmetric

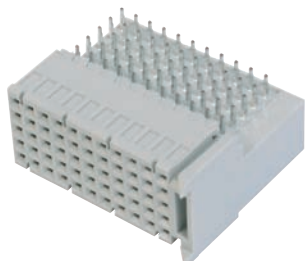
MiniDIN

Sockets / Strips
Jumper

Terminal Blocks

Memory Card

FFC / FPC



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

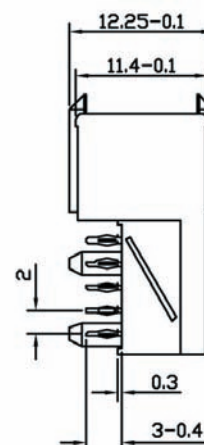
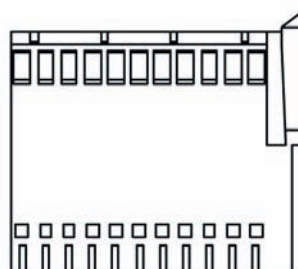
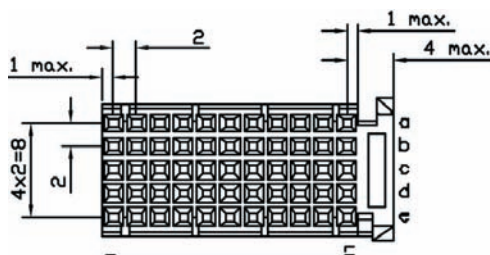
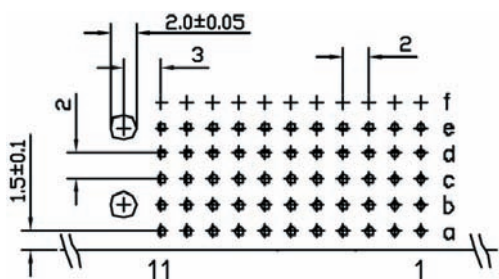
Current rating
1A

Operating temperature
-55°C to +125°C

Operating voltage
125V AC

Test voltage
750V AC

Packing
Tube packing



Bestellcode / Ordercode

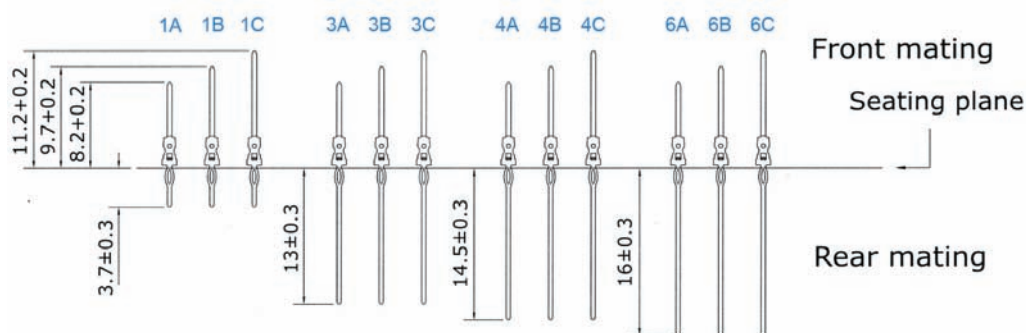
A - 2CF555F001 - 0 - H

Mustermenge / Sample Qty:	Jahresbedarf / Annual demand:
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Diagram of a 25x6 grid with a central 5x3 hole. The grid is divided into two 12x6 sections by a 5x3 hole. The left section has columns 15 to 25, and the right section has columns 1 to 11. The hole has columns 16 to 20 and rows 3 to 7. The grid is labeled with column numbers 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15 on the left and 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1 on the right. The hole is labeled with row numbers a, b, c, d, e, f on the right. The grid is labeled with row numbers 1 to 6 on the left.

A large empty grid for writing, with columns numbered 1 to 25 from right to left and rows labeled a to z from top to bottom.

gold on contact area



* Standard