MAIN CATALOGUE
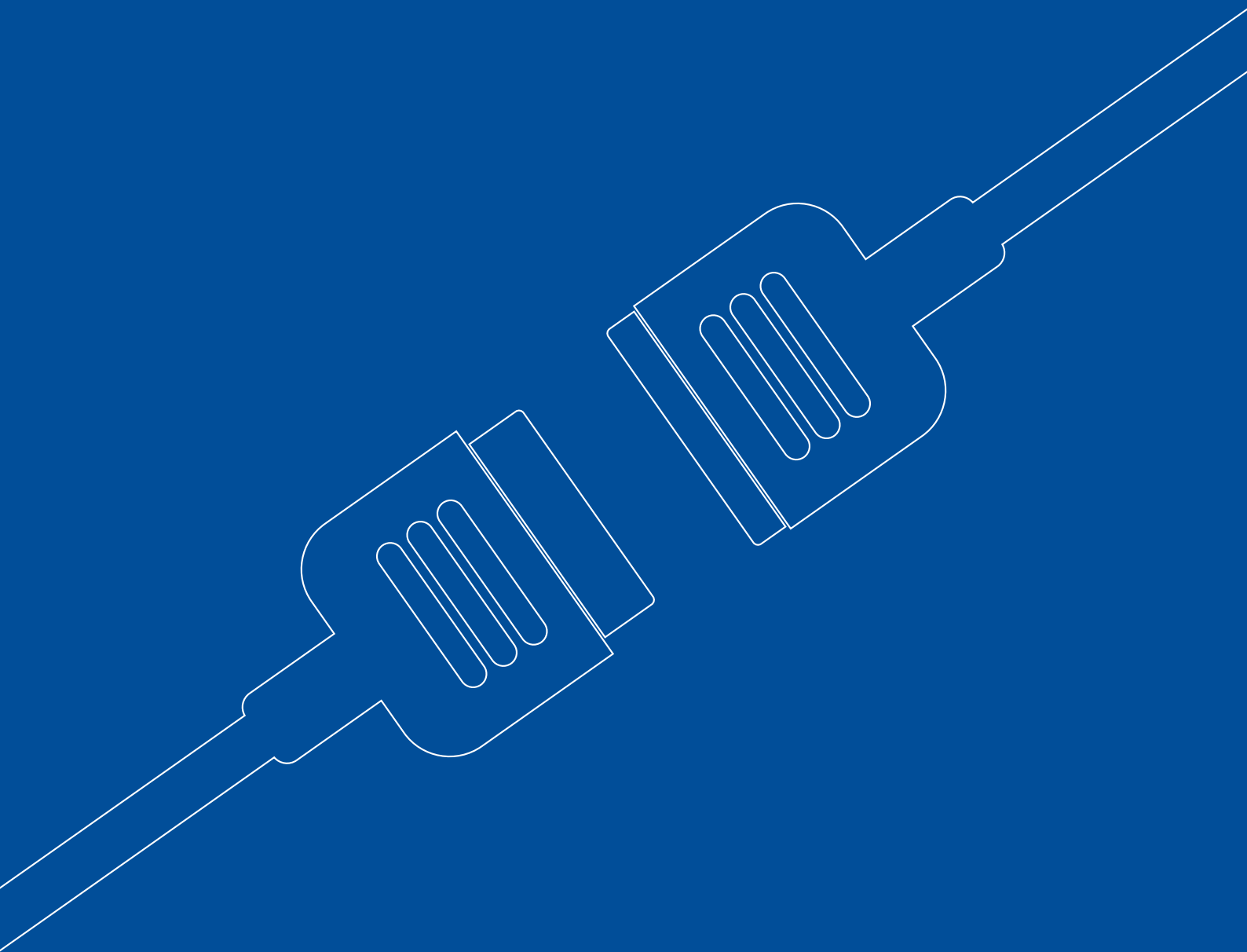
OSSI®: **CONNECT TO EXCELLENCE**

MAIN CATALOGUE / EDITION 10

OSSI®
CONNECTORS
CONNECTORS, PARTS AND
EXCELLENCE SINCE 1974

Notes

Supply and Service

Ossi Connectors A/S® is a leading supplier in design and manufacturing of I/O interconnect products for the electronics, datacom, telecom, medical and industrial market sectors. Our vast experience of designing standard and custom design solutions positions us as the provider for your interconnection applications.

Benefits
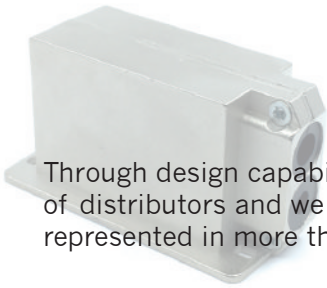
Through design capability, high quality and short lead times, our products are distributed by efficient network of distributors and we also co-operate with key accounts for special requirements. Ossi Connectors A/S® is represented in more than 25 countries and our distribution network is constantly growing.

Capability

The fully automatic assembly and packaging machines with our experienced employees assure the quality standards and support our production processes. The manufacturing resources include design, prototypes and manufacturing of standard and custom designed products. The engineering department supports our clients thorugh the entire concept stage from idea to serial production.

Address
Ossi Connectors A/S
Anker Joergensens Vej 2
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Denmark

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D-SUB PLASTIC BACKSHELLS

EMI/RFI SHIELDED D-SUB BACKSHELLS

CRIMPTOOLS AND CRIMPDIES

D-SUB ACCESSORIES

ADAPTOR HOODS

19" PATCH PANELS

BNC COVERS

M12 CABLE CONNECTORS

M12 PANEL CONNECTORS

M12 MOULDED OPEN-END CORDSET

M12 CONNECTOR TOOLS AND CONTACTS

CABLE PG BUSHINGS

BOARDMOUNT CONNECTORS

CUSTOM DESIGNED SOLUTIONS

SERIES	DPPK	DTPPK	DVPK	DPPK-2	DSPK-SL	DAPK
SHELL SIZES	9/15/25/37	9/15/25/37	9/15/25/37	9/25	9/15/25/37	15/25
STANDARD MATERIAL	POLYAMIDE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	YES	YES
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	ADAPTER
FLAT ROUND CABLE	YES	YES	YES	YES	YES	ADAPTER
FLAT CABLE	NO	NO	NO	NO	NO	ADAPTER
FEATURES						
UL COMPLIANCE	UL94 V2	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE CLAMP	CABLE INSERTS	CABLE INSERTS	CABLE CLAMP	CABLE INSERTS	N.A.
CABLE OUTLET	180°	180°	45°	180°	90°	N.A.
CABLE BOOT	YES	NO	NO	NO	NO	N.A.
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	YES

D-Sub Backshells DPPK-Series

TECHNICAL SPECIFICATIONS

Material:	Nylon UL94 V2
Temp. range:	-55˚C - 105˚C
Cable strain relief:	Cable clamp with self-tapping screws
Cable diameter:	3.0 - 11.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Locking force:	≤300 N
Cable outlet:	Straight
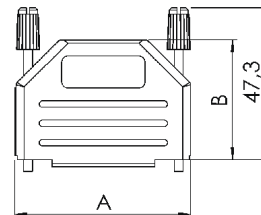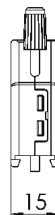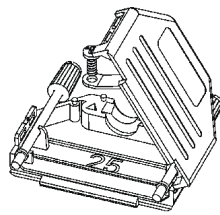
TYPE	A	B
DPPK9	32,4	31,3
DPPK15	40,7	30,8
DPPK25	54,4	37,3
DPPK37	70,9	36

PART NUMBERING SYSTEM

DPPK25 - M2.6 - RED - K

Series:
DPPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Hinged single piece moulding with retaining latches
- Light weight and cost effective
- Compact and attractive design
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

D-Sub Backshells DTPPK-Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate UL94 V0
Temp. range:	-55˚C - 105˚C
Cable strain relief:	Grommets 4, 5, 7 and 9 mm, Polycarbonate UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded plastic knob for colour coding. UNC4-40 as standard. M2.5, M2.6 and M3.0 are optional
Cable outlet:	Straight
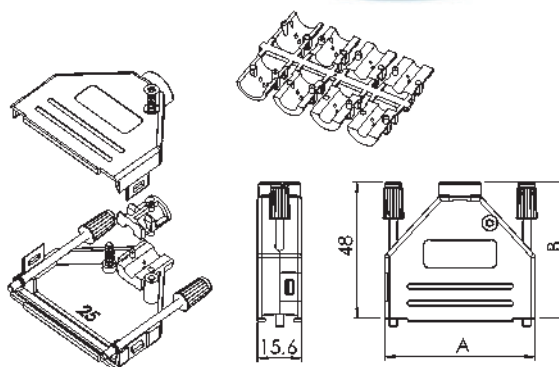
TYPE	A	B
DTPPK9	31	38,3
DTPPK15	39,3	40,5
DTPPK25	53	47,8
DTPPK37	69,5	52,2

PART NUMBERING SYSTEM

DTPPK25 - M2.6 - RED - K

Series:
DTPPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Compact and attractive design
- Re-openable
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 are optional
- For custom designed solutions, please consult factory

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D-Sub Backshells DPPK-2 Series

TECHNICAL SPECIFICATIONS

Material: Polycarbonate UL94 V0
Temp. range: -55˚C - 105˚C
Cable strain relief: Cable clamp with self-tapping screws
Cable diameter: 3.0 - 11,0 mm
Locking screws: Long jackscrews with moulded top for colour coding
Cable outlet: Straight
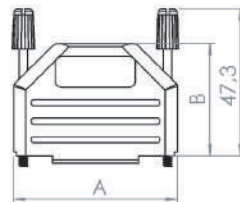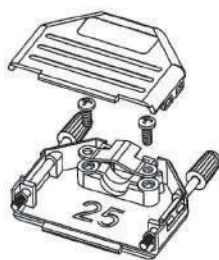
TYPE	A	B	C
DPPK9-2	32,4	31,2	16
DPPK25-2	53,4	36,4	15,4

PART NUMBERING SYSTEM

DPPK-2-25 - M2.6 - RED - K

Series:
DPPK-2
Size:
9 and 25
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9- and 25-way
- Retained jackscrews
- Light weight and cost effective
- Compact and attractive design
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

D-Sub Backshells DVPK-Series

TECHNICAL SPECIFICATIONS

Material: Polycarbonate, PC UL94 V0

Temp. range: -55°C - 105°C
Cable strain relief: Polycarbonate UL94 V0
Cable diameter: 3.0 - 13.0 mm
Locking screws: Long jackscrews with moulded top for colour coding

Assembly screws: Thread forming
Cable outlet: 45°

TYPE	A	B
DVPK9	31	36,2
DVPK15	39,3	40,2
DVPK25	53	40,2
DVPK37	69,5	40,2

PART NUMBERING SYSTEM

DVPK25 - M2.6 - RED - K

Series:
DVPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Compact and attractive design
- Suitable for high-integrity data links
- No special assembly tools required
- Moulded logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

D-Sub Backshells DSPK-SL-Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate, PC UL94 V0
Temp. range:	-55°C - 105°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Assembly screws:	Thread forming
Cable outlet:	Side

TYPE	A
DSPK9-SL	56,3
DSPK15-SL	64,3
DSPK25-SL	78,3
DSPK37-SL	94,7

PART NUMBERING SYSTEM

DSPK15 - SL - K

Series:
DSPK-SL
Size:
9, 15, 25 or 37

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Measures 30 mm high for tight spaces
- Suitable for high-integrity data links
- No special assembly tools required
- Moulded logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

SERIES	DTZK	DVZK	DTPMK	DVPMK	DTZK-CZA	DTZK-CZAK
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15/25/37	9/15/25/37	9/15/25/37/50	9/15/25/37/50
STANDARD MATERIAL	ZINC	ZINC	MET. PLASTIC	MET. PLASTIC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V2	UL94 V2	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA/ PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	CRIMP FERRULE	CRIMP FERRULE
CABLE OUTLET	180°	45°	180°	45°	180°	180°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	YES	YES
SLIDE LOCK	NO	NO	NO	NO	NO	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

SERIES	DVZK-CZA	DVZK-CZAK	DTNMK	DVNMK	DVZK-SL	DVZK-W
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15/25/37/50	9/15/25/37/50	9/15/25/37	9/15/25/37
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE FERRULE	CABLE FERRULE	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP
CABLE OUTLET	45°	45°	180°	45°	45°	45°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

SERIES	DMTZK	DMTZK-SL	DMVZK	DMVZK-SL	DSZK	DSZK-SL
SHELL SIZES	9/15	9/15	9/15	9/15	9/15	15/25
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE CLAMP	CABLE CLAMP	CABLE CLAMP	CABLE CLAMP	SHIELD CLAMP	SHIELD CLAMP
CABLE OUTLET	180°	180°	45°	45°	90°	90°
CABLE BOOT	YES	YES	YES	YES	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	NO	YES	NO	YES	NO
SLIDE LOCK	NO	YES	NO	YES	NO	YES
SHORT LOCKING SCREWS	YES	NO	YES	NO	NO	NO

OSSi
CONNECTORS

SERIES	DTZK-JSS	DVZK-JSS	DSZK-CZA	DSVZK	DSK-SL	DTK
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15	15	9/15/25/37*	9/15/25/37*
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	POLYCARBONATE	PA 9/15/37 PC 25
CONNECTOR APPLICATIONS						
SUB-D SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	YES	YES
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0 / UL94 V2
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	SHIELD CLAMP	SHIELD CLAMP	CRIMP FERRULE	SHIELD CLAMP	CRIMP FERRULE	CRIMP FERRULE
CABLE OUTLET	180°	45°	90°	90°/45°	90°	180°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACKSCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

Shielded D-Sub Backshells DTPMK Series

TECHNICAL SPECIFICATIONS

Material:	ABS Plastic, Ni-plated
Temp. range:	-40˚C - 110˚C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DTPMK9	31	38,3
DTPMK15	39,3	40,5
DTPMK25	53	47,8
DTPMK37	69,5	52,2

48
15,6

PART NUMBERING SYSTEM

DTPMK25 - - RED - K

Series:
DTPMK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVPMK Series

TECHNICAL SPECIFICATIONS

Material:	ABS Plastic, Ni-plated
Temp. range:	-40˚C - 110˚C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DVPMK9	31	36,2
DVPMK15	39,3	40,2
DVPMK25	53	40,2
DVPMK37	69,5	40,2

PART NUMBERING SYSTEM

DVPMK25 - - RED - K

Series:
DVPMK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit = Black
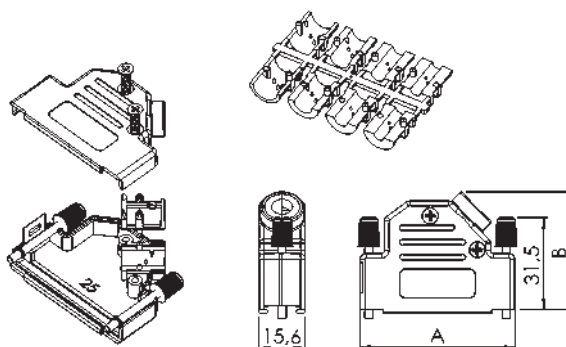Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DTZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DTZK50
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B	C
DTZK9	31	38,3	14,6
DTZK15	39,5	40,5	14,6
DTZK25	53,2	47,3	14,6
DTZK37	70,9	52,2	14,6
DTZK50	67,3	52,1	17,4

PART NUMBERING SYSTEM

DTZK25 -   - RED - K

Series:
DTZK
Size:
9, 15, 25, 37 and 50
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit= Black
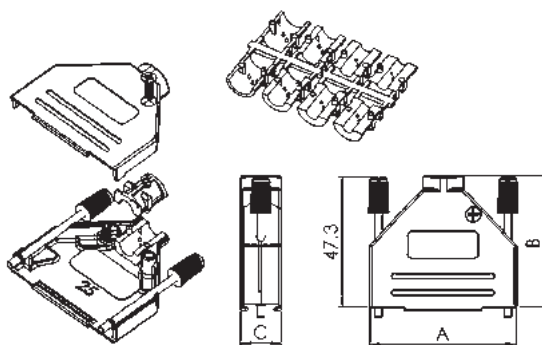Other colours available: beige, blue, brown, green, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DTZK-JSS Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	4.0 - 13.0 mm <17.0 mm DTZK50
Locking screws:	Long jackscrews with groove for thread indication
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B	C
DTZK9	31	38,3	14,6
DTZK15	39,5	40,5	14,6
DTZK25	53,2	47,3	14,6
DTZK37	70,9	52,2	14,6
DTZK50	67,3	52,1	17,4

PART NUMBERING SYSTEM

DTZK25 - JSS - M3.0 - K

Series:
DTZK-JSS
Size:
9, 15, 25, 37 and 50
Jackscrew:
Solid metal

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
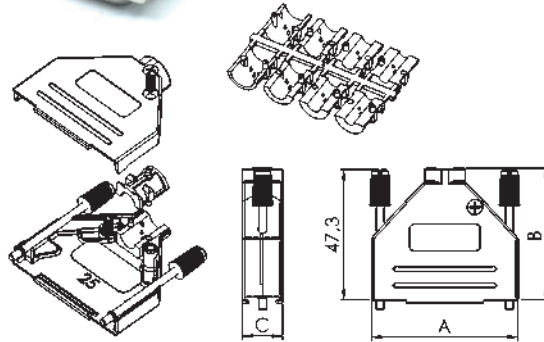Omit= UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DVZK50
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DVZK9	31	36,2
DVZK15	39,5	40,2
DVZK25	53,2	40,2
DVZK37	69,7	40,2
DVZK50	67,2	43,7

PART NUMBERING SYSTEM

DVZK15 -   - BULK

Series:
DVZK
Size:
9, 15, 25, 37 and 50
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
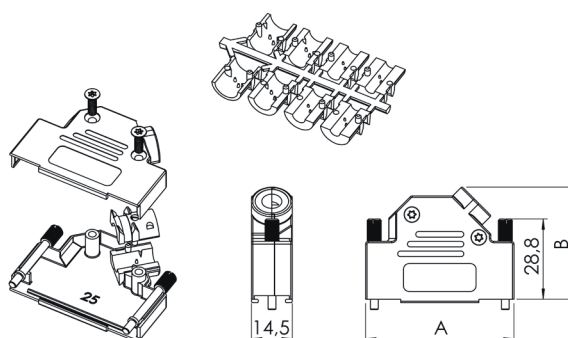K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVZK-JSS Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Polycarbonate,
                      PC UL94 V0
Cable diameter: 4.0 - 13.0 mm
                      <17.0 mm DVZK50
Locking screws: Long jackscrews
                      with groove for
                      thread indication
Assembly screws: Taptite thread forming
Cable outlet: Angled
Attenuation factor: > 40 dB between 30 MHz
                      and 1 GHz

TYPE	A	B
DVZK9	31	36,2
DVZK15	39,5	40,2
DVZK25	53,2	40,2
DVZK37	69,7	40,2
DVZK50	67,2	43,7

28,8

14,5

PART NUMBERING SYSTEM

DVZK37 - JSS - M3.0 - K

Series:
DVZK-JSS
Size:
9, 15, 25, 37 and 50
Jackscrew:
Solid metal

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
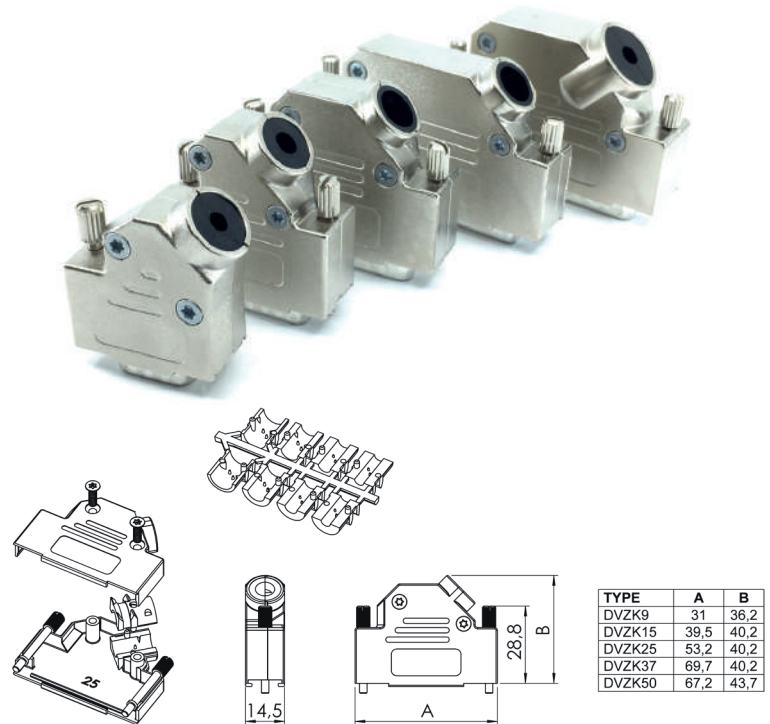Omit= UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
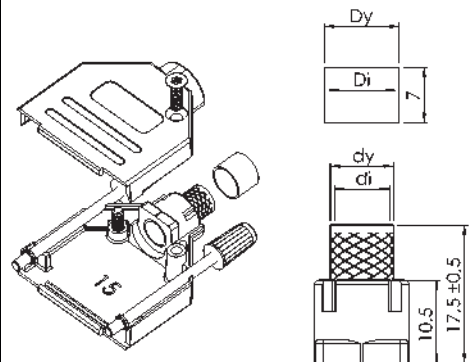- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DTZK-CZA Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Outer crimp ferrule with separate inner cable ferrule
Cable diameter: 3.0 - 12.0 mm
Locking screws: Long jackscrews with moulded top for colour coding
Assembly screws: Taptite thread forming
Cable outlet: Top
Attenuation factor: > 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-D5	6	7	CZA-CF-9	9	10
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5
CZA-7-D5	7	8	CZA-CF-10	10	11
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5
CZA-8-D5	8	9	CZA-CF-11	11	12
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5
CZA-9-D5	9	10	CZA-CF-12	12	13
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15

PART NUMBERING SYSTEM

DTZK25 - CZA3-CF6 - - K

Series:
DTZK-CZA
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure outer cable diameter and diameter of braid to combine cable - and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
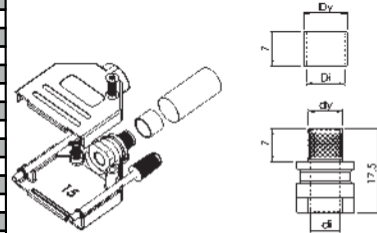- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DTZK-CZAK Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Outer crimp ferrule with separate inner cable ferrule and heat shrink sleeve
Cable diameter: 4.0 - 12.0 mm
Locking screws: Long jackscrews with moulded top for colour coding
Assembly screws: Taptite thread forming
Cable outlet: Top
Attenuation factor: > 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE			HEAT SHRINK SLEEVE
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)	
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5	CZA-D1-9
CZA-3-D5	3	4	CZA-CF-5	5	6	CZA-D1-9
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5	CZA-D1-9
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7	CZA-D1-9
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5	CZA-D1-9
CZA-4-D5	4	5	CZA-CF-7	7	8	CZA-D1-13
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5	CZA-D1-13
CZA-5-D5	5	6	CZA-CF-8	8	9	CZA-D1-13
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5	CZA-D1-13
CZA-6-D5	6	7	CZA-CF-9	9	10	CZA-D1-13
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5	CZA-D1-13
CZA-7-D5	7	8	CZA-CF-10	10	11	CZA-D1-13
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5	CZA-D1-13
CZA-8-D5	8	9	CZA-CF-11	11	12	CZA-D1-13
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5	CZA-D1-19
CZA-9-D5	9	10	CZA-CF-12	12	13	CZA-D1-19
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5	CZA-D1-19
			CZA-CF-13	13	14	CZA-D1-19
			CZA-CF-13.5	13.5	14.5	CZA-D1-19
			CZA-CF-14	14	15	CZA-D1-19

PART NUMBERING SYSTEM

DTZK25 - CZA4 - CF7 - 9 - - K

Series:
DTZK-CZAK

Size:
9, 15, 25, 37 or 50

Cable ferrule:
Measure diameter of stripped cable

Crimp ferrule:
Measure cable outer diameter

Heat shrink tube:
9, 13 or 19 mm Ø

Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
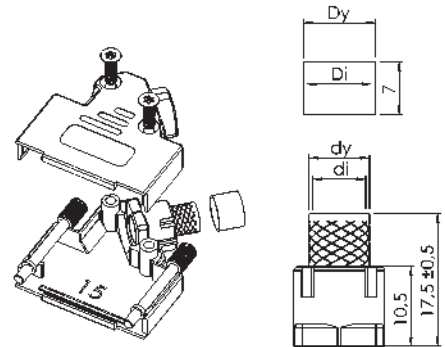- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVZK-CZA Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Outer crimp ferrule with separate inner cable ferrule
Cable diameter: 4.0 - 12.0 mm
Locking screws: Long jackscrews with moulded top for colour coding
Assembly screws: Taptite thread forming
Cable outlet: 45°
Attenuation factor: > 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-D5	6	7	CZA-CF-9	9	10
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5
CZA-7-D5	7	8	CZA-CF-10	10	11
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5
CZA-8-D5	8	9	CZA-CF-11	11	12
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5
CZA-9-D5	9	10	CZA-CF-12	12	13
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15

PART NUMBERING SYSTEM

DVZK15 - CZA4-CF7 - - K

Series:
DVZK-CZA
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure outer cable diameter and diameter of braid to combine cable - and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
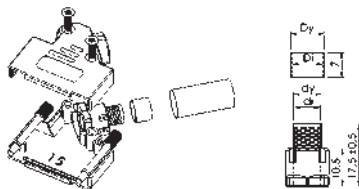- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVZK-CZAK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule and heat shrink sleeve
Cable diameter:	4.0 - 12.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE			HEAT SHRINK SLEEVE
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)	
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5	CZA-D1-9
CZA-3-D5	3	4	CZA-CF-5	5	6	CZA-D1-9
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5	CZA-D1-9
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7	CZA-D1-9
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5	CZA-D1-9
CZA-4-D5	4	5	CZA-CF-7	7	8	CZA-D1-13
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5	CZA-D1-13
CZA-5-D5	5	6	CZA-CF-8	8	9	CZA-D1-13
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5	CZA-D1-13
CZA-6-D5	6	7	CZA-CF-9	9	10	CZA-D1-13
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5	CZA-D1-13
CZA-7-D5	7	8	CZA-CF-10	10	11	CZA-D1-13
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5	CZA-D1-13
CZA-8-D5	8	9	CZA-CF-11	11	12	CZA-D1-13
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5	CZA-D1-19
CZA-9-D5	9	10	CZA-CF-12	12	13	CZA-D1-19
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5	CZA-D1-19
			CZA-CF-13	13	14	CZA-D1-19
			CZA-CF-13.5	13.5	14.5	CZA-D1-19
			CZA-CF-14	14	15	CZA-D1-19

PART NUMBERING SYSTEM   DVZK25 - CZA4 - CF7 - 9 - - K

Series:
DVZK-CZAK

Size:
9, 15, 25, 37 or 50

Cable ferrule:
Measure diameter of stripped cable

Crimp ferrule:
Measure cable outer diameter

Heat shrink tube:
9, 13 or 19 mm Ø

Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

Packaging:
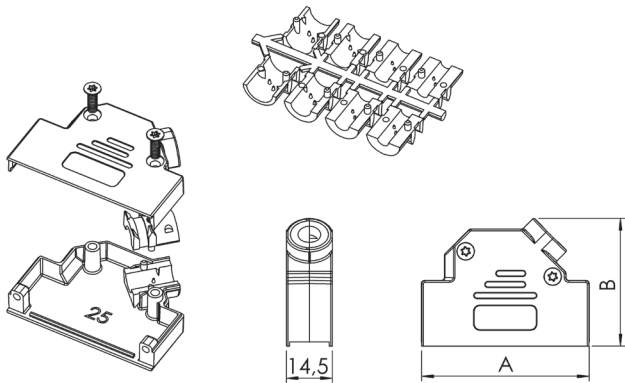K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DVZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DVZK09-SL	31	36,3
DVZK15-SL	39,3	40,4
DVZK25-SL	53	40,4
DVZK37-SL	69,5	40,4

PART NUMBERING SYSTEM

DVZK15 - SL - BULK

Series:
DVZK-SL
Size:
9, 15, 25 and 37

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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Shielded D-Sub Backshells DVZK-W Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

Insulation plate 2x

TYPE	A	B
DVZK9-W	31	36,2
DVZK15-W	39,5	40,2
DVZK25-W	53,2	40,2
DVZK37-W	69,7	40,2

14,5   39,5   28,8   B

PART NUMBERING SYSTEM

DVZK15 - W -   - BULK

Series:
DVZK-W
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
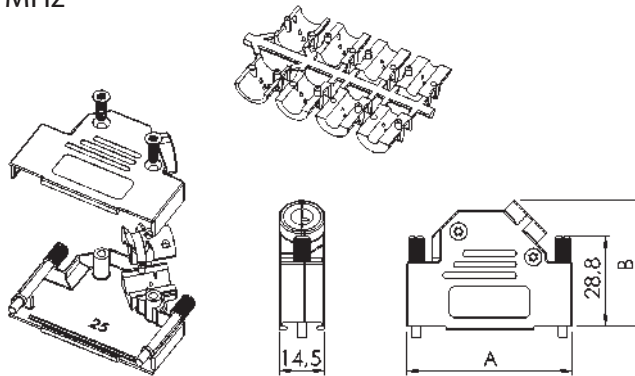Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Insulation plates integrated ideal for applications with screw termination connectors
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DTNMK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated non-magnetic
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DTNMK50
Locking screws:	Solid metal jackscrews, non-magnetic
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

MR
MR-Safe

TYPE	A	B	C
DTNMK9	31	38,3	14,6
DTNMK15	39,5	40,5	14,6
DTNMK25	53,2	47,3	14,6
DTNMK37	70,9	52,2	14,6
DTNMK50	67,3	52,1	17,4
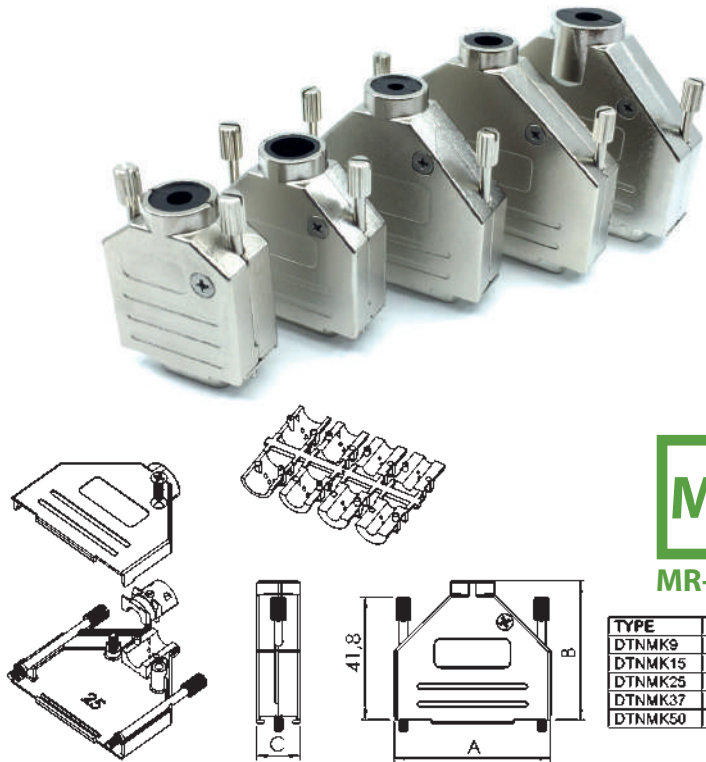
PART NUMBERING SYSTEM

DTNMK25 -   - K

Series:
DTNMK
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
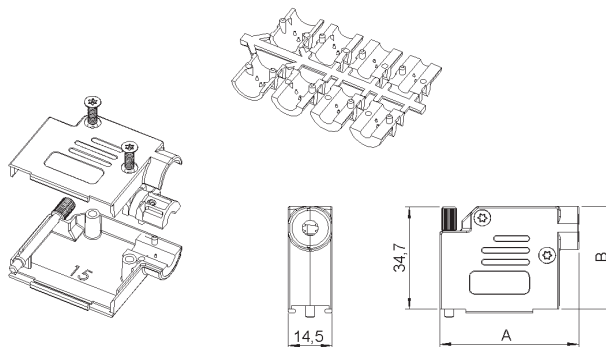Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Manufactured from non-magnetic materials
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option

Shielded D-Sub Backshells DVNMK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated non-magnetic
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DVNMK50
Locking screws:	Solid metal jackscrews, non-magnetic
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

MR

MR-Safe

TYPE	A	B
DVNMK9	31	38,2
DVNMK15	39,5	40,2
DVNMK25	53,2	40,2
DVNMK37	69,7	40,2
DVNMK50	67,2	43,7

28,8   B   14,5   A

PART NUMBERING SYSTEM

DVNMK15 -   - BULK

Series:
DVNMK
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jack screw):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Manufactured from non-magnetic materials
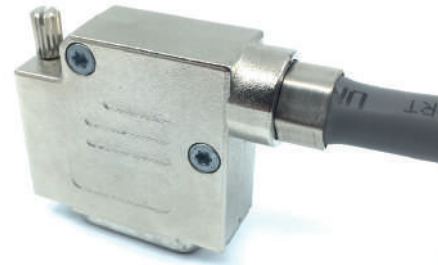- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option

Shielded D-Sub Backshells DSZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DSZK9	37,7	35
DSZK15	46	35

PART NUMBERING SYSTEM

DSZK15 - M3.0 - BULK

Series:
DSZK

Size:
9 and 15

Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9 and 15
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DSZK-CZA Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Outer crimp ferrule with
                    separate inner cable ferrule
Cable diameter: 3.0 - 12.0 mm
Locking screws: Long jackscrews
                    with groove for indication
                    of thread
Assembly screws: Taptite thread forming
Cable outlet: 90°
Attenuation factor: > 40 dB between 30 MHz
                    and 1 GHz

CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-6.5	6	7	CZA-CF-9	9	10
CZA-7-D5	7	8	CZA-CF-9.5	9.5	10.5
CZA-7.5-D5	7.5	8.5	CZA-CF-10	10	11
CZA-8-D5	8	9	CZA-CF-10.5	10.5	11.5
CZA-8.5-D5	8.5	9.5	CZA-CF-11	11	12
CZA-9-D5	9	10	CZA-CF-11.5	11.5	12.5
CZA-9.5-D5	9.5	10.0	CZA-CF-12	12	13
			CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15

PART NUMBERING SYSTEM

DSZK15 - CZA3-CF6 -   - K

Series:
DSZK-CZA
Size:
9 and 15-way
Cable ferrule:
Measure outer cable
diameter and diameter of
braid to combine cable -
and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
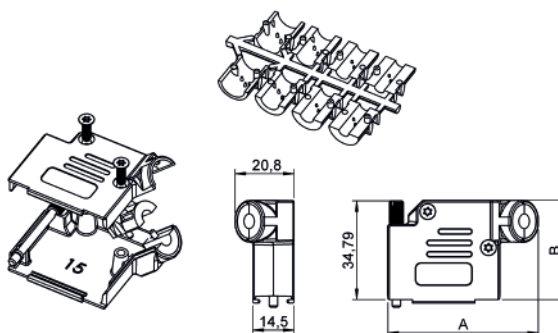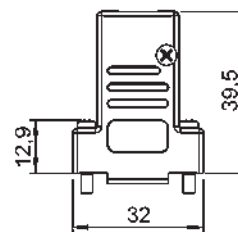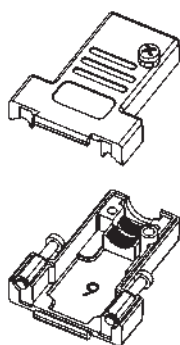Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DSVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Side and 45° angle
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B
DSVZK15	52,9	35

PART NUMBERING SYSTEM

DSVZK15 - M2.5 - BULK

Series:
DSVZK

Size:
15

Packaging:
K = Kit package
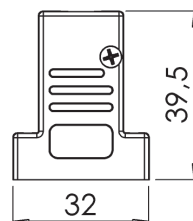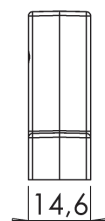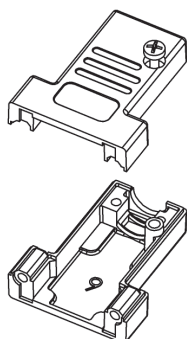BULK = Bulk / 100 pcs

Thread:
Omit = UNC 4-40
M2.5
M2.6
M3.0

FEATURES

- Available in size 15
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DMTZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Delivered with pre-mounted jackscrews
Cable outlet:	Straight
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz

PART NUMBERING SYSTEM

DMTZK9 -   - K

Series:
DMTZK
Size:
9

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
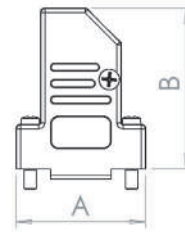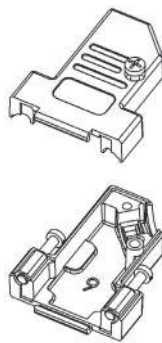Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in size 9-way
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Pre-mounted jackscrews with UNC 4-40 thread as standard. M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DMTZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz

PART NUMBERING SYSTEM

DMTZK9 - SL - K

Series:
DMTZK-SL
Size:
9

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

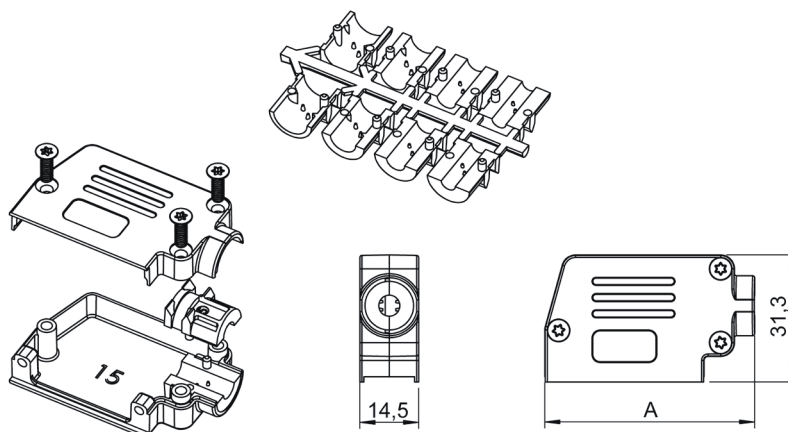## FEATURES

- Available in size 9-way
- Minimise interference from electromagnetic and RF sources
- Integrated UNC 4-40 threads for slidelock or panel assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DMVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Delivered with pre-mounted UNC4-40 jackscrews. M2.5, M2.6 and M3.0 as option
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz

TYPE	A	B
DMVZK9	32	39,5
DMVZK15	40,3	39,5

PART NUMBERING SYSTEM

DMVZK9 - - K

Series:
DMVZK
Size:
9 & 15

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Pre-mounted jackscrew provide easy assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DMVZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz

TYPE	A	B
DMVZK9-SL	32	39,5
DMVZK15-SL	40,3	39,5

14,6

PART NUMBERING SYSTEM

DMVZK9 - SL - K

Series:
DMVZK-SL
Size:
9 & 15

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Integrated UNC 4-40 threads for slidelock or panel assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- For custom designed solutions, please consult factory

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Shielded D-Sub Backshells DSZK-SL Series

TECHNICAL SPECIFICATIONS

Material: Zinc, Ni-plated
Temp. range: -40°C - 120°C
Cable strain relief: Polycarbonate,
                       PC UL94 V0
Cable diameter: 3.0 - 13.0 mm
Locking screws: Integrated UNC 4-40
                       threads for slidelock
                       or panel assembly
Assembly screws: Taptite thread forming
Cable outlet: Side
Attenuation factor: > 40 dB between 30 MHz
                       and 1 GHz

TYPE	A
DSZK15-SL	51,8
DSZK25-SL	65,5

PART NUMBERING SYSTEM

DSZK15 - SL - BULK

Series:
DSZK-SL
Size:
15 and 25
Packaging:
K = Kit package
BULK = Bulk / 100 pcs

FEATURES

- Available in sizes 15 and 25
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DSK-SL Series

TECHNICAL SPECIFICATIONS

Material insulator:	Polycarbonate UL94 V0
Material shielding:	Zi-plated steel
Temp. range:	-40˚C - 105˚C
Cable strain relief:	Crimp ferrule with cable ferrule
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz
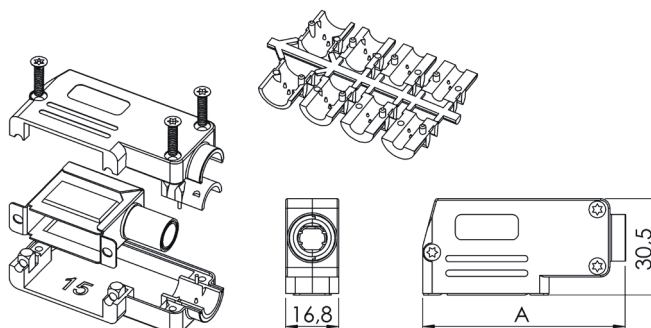
TYPE	A
DSK9-SL	56,3
DSK15-SL	64,3
DSK25-SL	78,3

PART NUMBERING SYSTEM

DSK9 - SL - R10.6 - SR9.0/8.1- K

Series:
DSK-SL
Size:
9, 15 or 25
Crimp ferrule:
See separate list
Anchor ferrule:
See separate list

Packaging:
K = Kit package
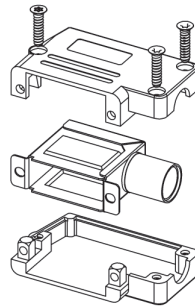BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15 and 25-way
- Crimped cable retention guarantee 360˚ shielding
- Accept round foil and braided cable types
- Company logotype available upon request
- Approved according VDE 0871, FCC 20780, IEEE 802.3 and 89/336/EU
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

Shielded D-Sub Backshells DSK/DTK-SL Series

TECHNICAL SPECIFICATIONS

Material insulator: Polycarbonate UL94 V0
Material shielding: Zi-plated steel
Temp. range: -40˚C - 105˚C
Cable strain relief: Crimp ferrule with anchor ferrule
Cable diameter: 3.0 - 13.0 mm
Locking screws: Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet: Straight or side
Attenuation factor: > 40 dB between 30 MHz and 1 GHz
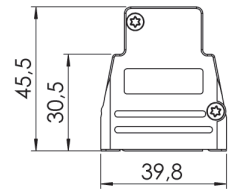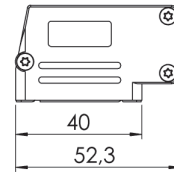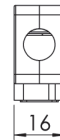
PART NUMBERING SYSTEM

DSK15 - SL - R10.6 - SR9.0/8.1 - - K

Series:
DSK/DTK-SL
Size:
15
Crimp ferrule:
See separate list
Anchor ferrule:
See separate list

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
Colour:
Omit = black
Other colours available:
beige, blue, brown,
green, grey, ivory,
red, white and yellow

FEATURES

- Available in size 15-way
- Crimped cable retention guarantee 360˚ shielding
- Accept round foil and braided cable types
- Crimp tool only extra tool required
- Company logotype available upon request
- Approved according VDE 0871, FCC 20780, IEEE 802.3 and 89/336/EU
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

Ferrule versions for DTK and DTK/DSK-SL Series

Cable outer diameter	Crimp applicators	Part number	Cable	Assembly
6,0 mm	7,0	-4,0	Braided screen	Standard
6,0 mm (thin braid)	7,0	-4,5	Braided screen	Standard
7,0 mm	8,0	-5,0	Braided screen	Standard
7,0 mm (thin braid)	8,0	-5,5	Braided screen	Standard
8,0 mm	9,0	-6,0	Braided screen	Standard
8,0 mm (thin braid)	9,0	-6,5	Braided screen	Standard
10,2 mm	11,6	-7,0	Braided screen	Standard
10,5 mm	12,0	-7,4	Braided screen	Standard
11,2 mm	12,0	-8,0	Braided screen	Standard
11,2 mm (thin braid)	12,5	-9,0	Braided screen	Standard
12,0 mm	13,0	-10,0	Braided screen	Standard
5,2 mm	6,5	-R 5,3	Braided screen	Reversed
7,5 mm	8,0	-R 7,5	Braided screen	Reversed
8,0 mm	9,0	-R 8,1	Braided screen	Reversed
9,0 mm	10,0	-R 9,0	Braided screen	Reversed
9,8 mm	11,0	-R 9,9	Braided screen	Reversed
10,5 mm	11,6	-R 10,6	Braided screen	Reversed
11,0 mm	12,0	-R 11,0	Braided screen	Reversed
11,7 mm	12,5	-R 11,7	Braided screen	Reversed
4,0 - 8,6 mm	FCT	-F 8,6	Foil screen	Foil
7,0 mm	*not applicable*	-F 7N	Foil screen	Foil
3,0 - 5,0 mm (flat cable)	*not applicable*	-F TEL	Foil screen	Foil

TECHNICAL SPECIFICATIONS

Material (crimp dies):   Hardened steel

Item DIES5, crimp applicators for DTCT

Hand crimp tool DTCT assembled with crimp dies

PART NUMBERING SYSTEM

DTCT

Series handtool: ──────┘
DTCT   (for DIES5-5.5 to 12)
DTCT-W (for DIES5-12.5 to 15)

DIES5 - 10

Series crimpdies: ──────┘
DIES5
Size:
See separate list for available applicators

| DIES SET ITEM	CRIMP FERRULE	DIMENSION (A)	HANDTOOL
	Outer diameter (mm)	Hexagonal (mm)	
DIES5-3.5	3.5	1.68	DTCT
DIES5-3.75	3.75	1.79	DTCT
DEIS5-4.0	4	1.91	DTCT
DIES5-4.25	4.25	2.02	DTCT
DIES5-4.5	4.5	2.13	DTCT
DIES5-4.75	4.75	2.25	DTCT
DIES5-5.5	5.5	2.58	DTCT
DIES5-6	6	2.81	DTCT
DIES5-6.5	6.5	3.04	DTCT
DIES5-7	7	3.27	DTCT
DIES5-7.5	7.5	3.49	DTCT
DIES5-8	8	3.72	DTCT
DIES5-8.5	8.5	3.94	DTCT
DIES5-9	9	4.17	DTCT
DIES5-9.5	9.5	4.40	DTCT
DIES5-10	10	4.63	DTCT
DIES5-10.5	10.5	4.85	DTCT
DIES5-11	11	5.08	DTCT
DIES5-11.5	11.5	5.30	DTCT
DIES5-12	12	5.53	DTCT
DIES5-12.5	12.5	5.76	DTCT-W
DIES5-13	13	5.99	DTCT-W
DIES5-13.5	13.5	6.21	DTCT-W
DIES5-14	14	6.44	DTCT-W
DIES5-14.5	14.5	6.66	DTCT-W
DIES5-15	15	6.89	DTCT-W

FEATURES

- Crimp tool and crimp dies to be combined with D-Sub backshells DTK, DSK-SL,
  DTZK-CZA, DTZK-CZAK, DVZK-CZA and DVZK-CZAK Series
- Crimp dies also available for pneumatic or electric powered crimp machines

Crimp Tool DTCT-RB Series

TECHNICAL SPECIFICATIONS

Material: Hardened steel
1 kit comprise: 1 applicator and mounting plate with guiding fixture
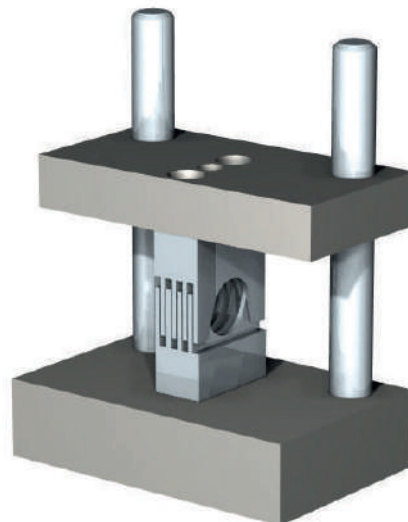
PART NUMBERING SYSTEM

DTCT - RB - 10

Series:
DTCT-RB
Size:

DTCT-RB applicator matrix

Crimp applicator	Crimp ferrule (outer diameter)
DTCT-RB-8	5,0 - 8,0 mm
DTCT-RB-9	6,0 - 9,0 mm
DTCT-RB-10	7,0 - 10,0 mm
DTCT-RB-11	9,0 - 11,0 mm
DTCT-RB-11,7	10,0 - 12,0 mm
DTCT-RB-12,5	11,0 - 13,0 mm

FEATURES

- Crimp tool to be combined with D-Sub backshells DTK, DSK-SL, DTZK-CZA, DTZK-CZAK, DVZK-CZA and DVZK-CZAK Series
- Crimp dies are designed for assembly in manual, pneumatic or electric powered crimp machines
- For crimping with handtool, DTCT and applicators DIES are available

D-Sub Accessories / Jackscrews

TECHNICAL SPECIFICATIONS

Material (screw):	Zi-plated steel
	Ni-plated brass
Material (head D-JS):	Polyamide UL94 V2
Mounting torque:	50 - 130 Ncm
Thread options:	UNC 4-40
	M2.5
	M2.6
	M3.0

D-JS:	Jack screw with plastic screw head
D-JSS:	Turned solid metal jack screw
D-JSS-NH:	Turned solid metal jack screw with slot screw head
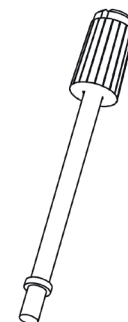
D-JSS-NH   D-JSS   D-JSS   D-JS

PART NUMBERING SYSTEM

D-JS-45 - M3.0 - RED - BULK

Series:
D-J

Jackscrew:
JS = with plastic knob
JSS = solid screw

Length of screw:
31, 32, 34, 42, 45, 47, 53 or 68 mm
other lengths can be delivered

Thread:
Omit = UNC 4-40
M2.5
M2.6
M3.0

Colour:
D-JS = available in different colours
D-JSS = only available as solid jackscrews

Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Designed to be combined with Ossi D-Sub backshells
- D-JS supplied with screw head in different colours for coding
- D-JSS, solid metal CNC-machined Ni-plated brass or Zi-plated steel
- UNC 4-40, M2.5, M2.6 and M3.0 as thread options
- For custom designed solutions, please consult factory

D-Sub Accessories / Female Screw Lock

TECHNICAL SPECIFICATIONS

Material:	Ni-plated steel
1 kit comprise:	2 screws
	2 flat washers
	2 spring washers
	2 UNC 4-40 nuts
Thread options:	UNC 4-40 or M3
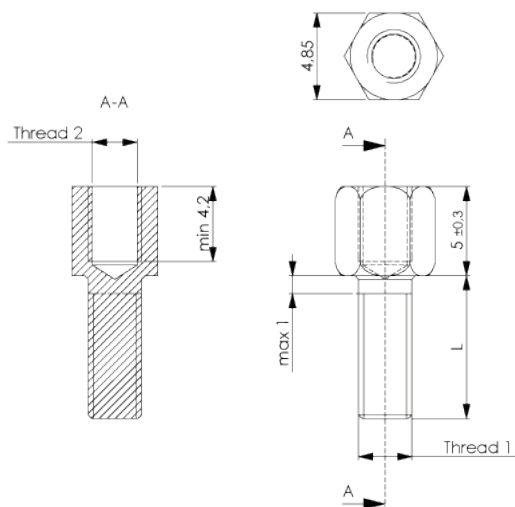
Length (L)	Thread 1	Thread 2	Item
8 mm	UNC4-40	UNC 4-40	DJF-8
8 mm	M3	UNC 4-40	DJF-8-3-4
8 mm	M3	M3	DJF-8-3-3
14 mm	UNC4-40	UNC 4-40	DJF-14
14 mm	M3	M3	DJF-14-3-3

PART NUMBERING SYSTEM

DJF - 8 -   - BULK

Series:
DJF
Length:
8 = 8 mm
14 = 14 mm
Thread options:
See separate matrix above
Packaging:
K = Kitpackage
BULK = Bulk / 100 pcs

FEATURES

- Female screw with UNC 4-40 or M3 inner- and outer thread

TECHNICAL SPECIFICATIONS SLIDELOCK

Material: Stainless steel
1 kit comprise: 1 slidelock
                      2 UNC 4-40 screws
                      2 spring washers
                      2 UNC 4-40 nuts
                      2 washers
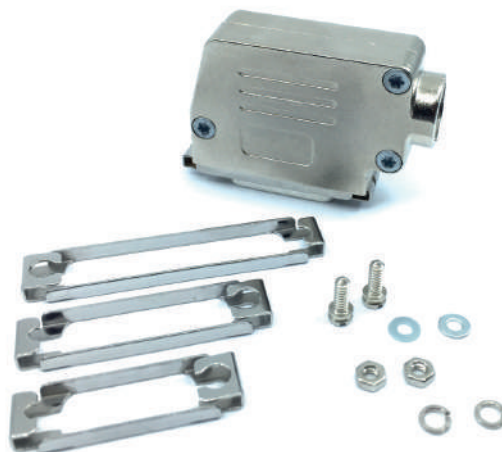
Slidelock / Item SLCLIP
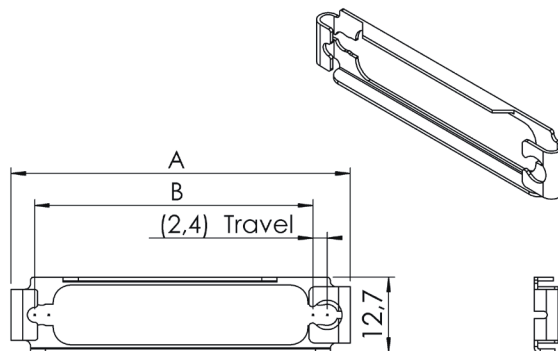
Connector type	A	B
9-way	35,4	25,0
15-way	43,7	33,3
25-way	57,4	47,0

PART NUMBERING SYSTEM

SLCLIP - 15 - BULK

Series:
SLCLIP
Size:
9, 15 and 25
Packaging:
K = Kitpackage
BULK = Bulk / 100 pcs

FEATURES

- Available in sizes 9, 15 and 25
- Designed to be combined with Ossi backshells with integrated UNC 4-40 threads

D-Sub Accessories DCR Series

TECHNICAL SPECIFICATIONS

Material: Nylon UL94 V2
Applications: Colour coding and
                 identification of D-Sub
                 backshells when mounted
                 in panels or wall outlets
Temp. range: -40˚C - 90˚C
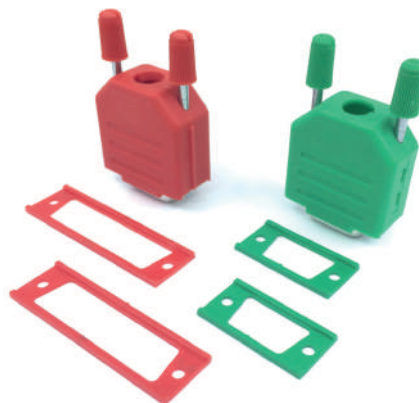
Connector type	A	B
9-way	31,1	25
15-way	39,2	33,3
25-way	53,1	47

PART NUMBERING SYSTEM

DCR - 15 - YELLOW - BULK

Series:
DCR
Size:
9, 15 and 25
Colour:
Black, blue, brown, green, grey,
ivory, red, yellow, white and beige
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Colour coding and identification frame for panels and wall outlets
- Suitable for high integrity data links
- For custom designed solutions, please consult factory

© Ossi Connectors A/S 2019. Technical data subject to change. All dimensions in millimeters.

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate, PC UL94 V0
Applications:	Designed to be combined with DTPPK, DVPK, DSPK-SL, DTPMK, DVPMK, DTZK, DVZK, DVZK-SL, DVZK-W, DSZK, DSZK-SL and DSK-SL as cable strain relief
Cable diameter:	9 - 37-way (4, 5, 7 and 9 mm) 50-way (4, 5, 7, 9 and 11 mm) Different sizes can be mixed
Colour:	Black
Temp. range:	-40˚C - 120˚C
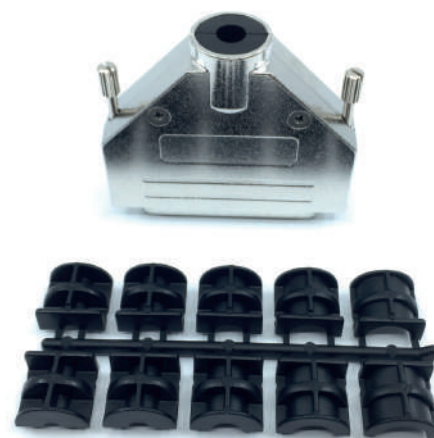
PART NUMBERING SYSTEM

DVZK - D1 - BULK

Series:
DVZK/DVZK50
Part:
D1
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Moulded in Polycarbonate (PC) UL94 V0
- Designed to be combined with DTPPK, DVPK, DSPK-SL, DTPMK, DVPMK, DTZK, DVZK, DVZK-SL, DVZK-W, DSZK, DSZK-SL, DSVZK and DSK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Evoprene Thermoplastic Elastomer UL94 V0
Applications:	Cable boot for the D-Sub backshells DMTZK, DMTZK-SL, DMVZK, DMVZK-SL in size 9-way
Cable diameter:	3 different sizes available: 5, 7 and 8,5 mm
Colour:	Black
Temp. range:	-40°C - 120°C

14,4
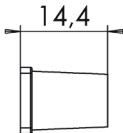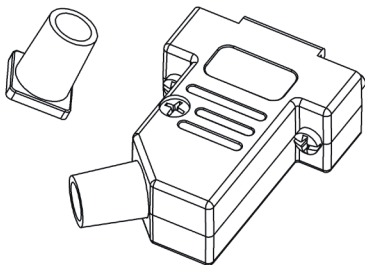
Item	A (inner diameter)
DMZK-D1-5	5 mm
DMZK-D1-7	7 mm
DMZK-D1-8,5	8,5 mm

PART NUMBERING SYSTEM

DMZK - D1 - 5 - BULK

Series:
DMZK
Part:
D1
Dimension:
5 = 5 mm
7 = 7 mm
8,5 = 8,5 mm
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Moulded in Evoprene Thermoplastic Elastomer UL94 V0
- Designed to be combined as cable boot for DMTZK, DMTZK-SL, DMVZK and DMVZK-SL in size 9-way
- For custom designed solutions, please consult factory

TECHNICAL SPECIFICATIONS

Material: Brass, Ni-plated
Application: To replace cable strain
                 relief DVZK-D1 and seal
                 cable outlet when no
                 cable mounted to backshell
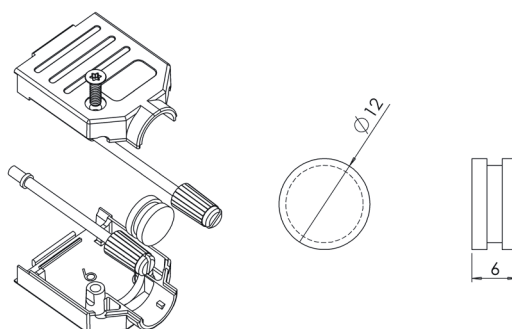
PART NUMBERING SYSTEM

DTZK-D5 - BULK

Series:
DTZK-D5
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Designed to be combined with Ossi backshells to replace cable strain relief (DVZK-D1)
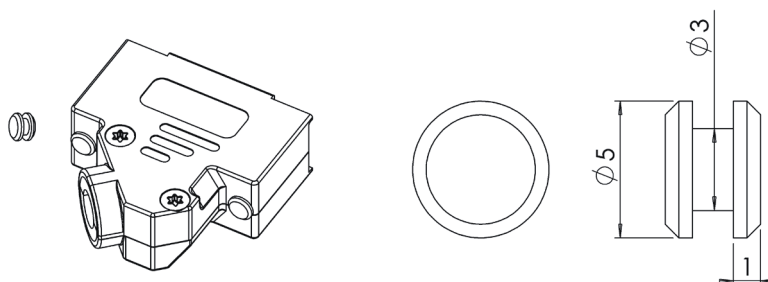 when no cable mounted to backshell

D-Sub Accessories / Sealing Plug

TECHNICAL SPECIFICATIONS

Material: Brass, Ni-plated
Application: DTZK-D6 to replace in DTZK
                and DTZK-D7 in DVZK
                when no jackscrews mounted
                to backshell

DTZK-D6: Replace jackscrews for DTZK Series
DTZK-D7: Replace jackscrews for DVZK Series

PART NUMBERING SYSTEM

DTZK-D6/D7 - BULK

Series:
DTZK-D6/D7
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Designed to be combined with Ossi backshells to replace when no jackscrews mounted.

- DTZK-D6 to replace jackscrews in DTZK Series
- DTZK-D7 to replace jackscrews in DVZK Series

TECHNICAL SPECIFICATIONS

Material:	Evoprene Thermoplastic Elastomer UL94 V0
Applications:	Cable boot for the backshells DMTZK and DMVZK in sizes 9- and 15-way
Cable diameter:	4.5, 7.5 and 10.5 mm cut off in steps to suit cable diameter
Colour:	Black
Temp. range:	-40°C - 120°C

PART NUMBERING SYSTEM

DMZK15 - D2 - BULK

Series:
DMZK
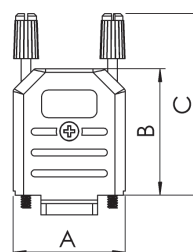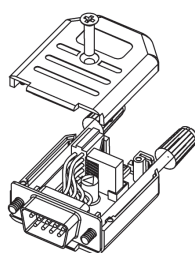Size:
9- or 15-way
Part:
D2
Packaging:
BULK = Bulk / 100 pcs

FEATURES

- Moulded in Evoprene Thermoplastic Elastomer UL94 V0
- Designed to be combined as cable boot for DMTZK and DMVZK backshells
- Cable boot can be cut to suit cable diameter

D-Sub / RJ-45 Adaptor DA Series

TECHNICAL SPECIFICATIONS

Material: Polycarbonate UL94 V0
Temp. range: -40˚C - 90˚C
Adaptor: D-Sub to RJ-45
Locking screws: Long jackscrews with moulded
                     top for colour coding
Colour: Black as standard,
                     other colours upon request

TYPE	A	B	C
DA9	32,4	36,4	52,3
DA15	40,7	30,7	47,3
DA25	53,4	36,4	47,3

PART NUMBERING SYSTEM

DA25 - PMJ8 - GREEN - K

Series:
DA
Size:
9, 15 and 25
D-Sub contacts:
PMJ8 = Male, pin version
SMJ8 = Female, socket version

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige,
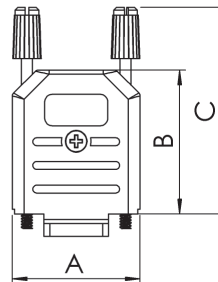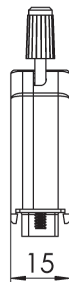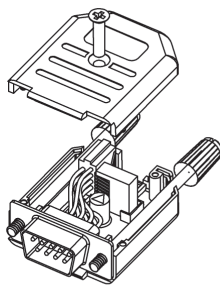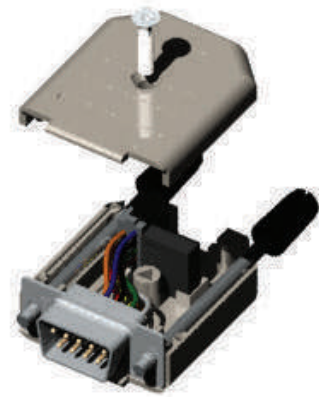blue, brown, green, grey, ivory,
red, white and yellow

FEATURES

- Available in sizes 9, 15 and 25
- RJ-45 socket with wires and D-Sub contacts pre-mounted
- Coloured jackscrews and housing for coding
- Compact and attractive design
- Suitable for high-integrity data links
- Company logotype available upon request
- For custom designed solutions, please consult factory

Shielded D-Sub / RJ-45 Adaptor DAM Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate UL94 V0, Ni-plated
Temp. range:	-40˚C - 90˚C
Adaptor:	D-Sub to RJ-45
Locking screws:	Long jackscrews with moulded top for colour coding
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

TYPE	A	B	C
DA9	32,4	36,4	52,3
DA15	40,7	30,7	47,3
DA25	53,4	36,4	47,3

PART NUMBERING SYSTEM

DAM25 - PMJ8 - RED - K

Series:
DAM
Size:
9, 15 and 25
D-Sub contacts:
PMJ8 = Male, pin version
SMJ8 = Female, socket version

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
Colour (jackscrews):
Omit = Black
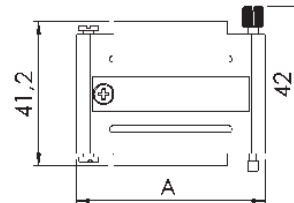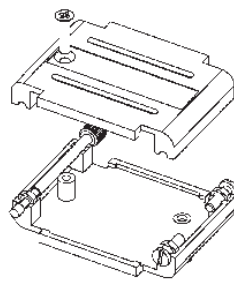Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15 and 25
- RJ-45 socket with wires and D-Sub contacts pre-mounted
- Shielded housing minimise intereference from electromagnetic and RF sources
- Coloured jackscrews for colour coding
- Compact and attractive design
- Suitable for high-integrity data links
- Company logotype available upon request
- For custom designed solutions, please consult factory

Adaptor Hoods DAPK Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate UL94 V0
Temp. range:	-55˚C - 105˚C
Adapter:	D-Sub15 to D-Sub15
	D-Sub25 to D-Sub25
Locking screws:	Long jackscrews with internal and external thread or short fixed screws with UNC 4-40 thread
Colour:	Black as standard, other colours upon request

TYPE	A
DAPK15	40,8
DAPK25	54

PART NUMBERING SYSTEM

DAPK25 - JSS - - K

Series:
DAPK
Size:
15 or25
Screw:
JSS = Long screw with internal and external UNC 4-40 thread
FS = Short fixed screw UNC 4-40 thread

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colour available: beige, blue, brown, green, grey, ivory, red, white and yellow
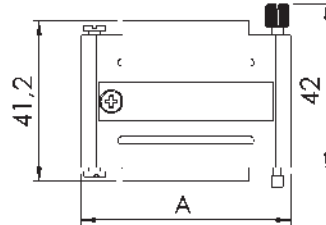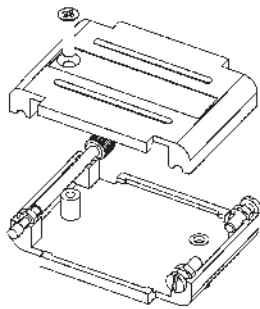
FEATURES

- Available in sizes 15- and 25-way
- Designed for gender changer, internal pcb or jumper
- Light weight and cost effective
- Compact and attractive design
- Suitable for any common D-Sub connector
- Company logotype available upon request
- For custom designed solutions, please consult factory

Adaptor Hoods DAPMK Series

TECHNICAL SPECIFICATIONS

Material: ABS Plastic, Ni-plated
Temp. range: -55˚C - 105˚C
Adapter: D-Sub15 to D-Sub15
                         D-Sub25 to D-Sub25
Locking screws: Long jackscrews with internal
                         and external thread or short
                         fixed screws with UNC 4-40 thread
Finish: Ni-plated surface

TYPE	A
DAPK15	40,8
DAPK25	54

PART NUMBERING SYSTEM

DAPMK25 - JSS - K

Series:
DAPMK
Size:
15 or25
Screw:
JSS = Long screw with internal and external UNC 4-40 thread
FS = Short fixed screw UNC 4-40 thread

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 15- and 25-way
- Designed for gender changer, internal pcb or jumper
- Light weight and cost effective
- Compact and attractive design
- Suitable for high-integrity data links
- Suitable for any common D-Sub connector
- Company logotype available upon request
- For custom designed solutions, please consult factory

TECHNICAL SPECIFICATIONS

Material: Extruded aluminium
Finish: Anodised according E6 or painted RAL-colour
Dimension: 1 HU = 44.0 mm

See separate page for different connector cut-outs available
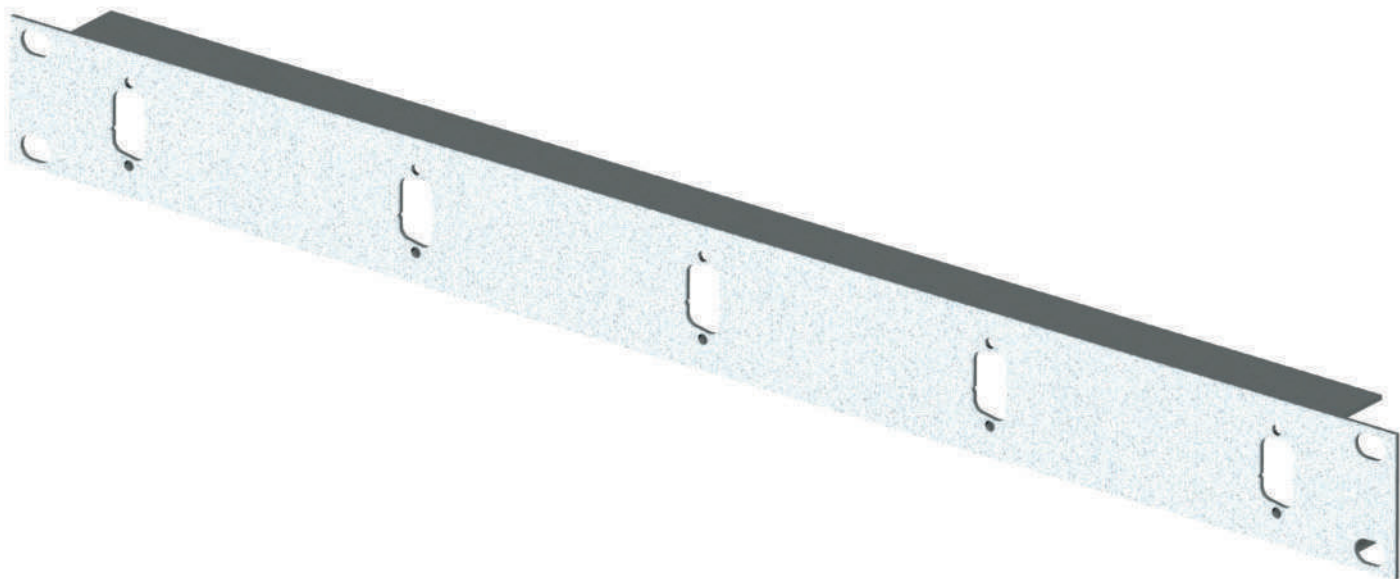
PART NUMBERING SYSTEM

KK1A - 16 - SUB-D9 - RAL7032

Series:
KK1A
Number of connector cut-outs:
See separate list

Colour:
Omit = Anodised according E6
RAL = Indicate painting according RAL7032
Connector:
See separate list

FEATURES

- Light weight and cost effective
- Panel measures only 1.6 mm to fit any available snap-in connector
- Different connector styles can be configured on each panel
- For custom designed solutions, please consult factory
- Can be delivered with printed logotype and panel marking upon request

KK1A Panel Versions (1HU)

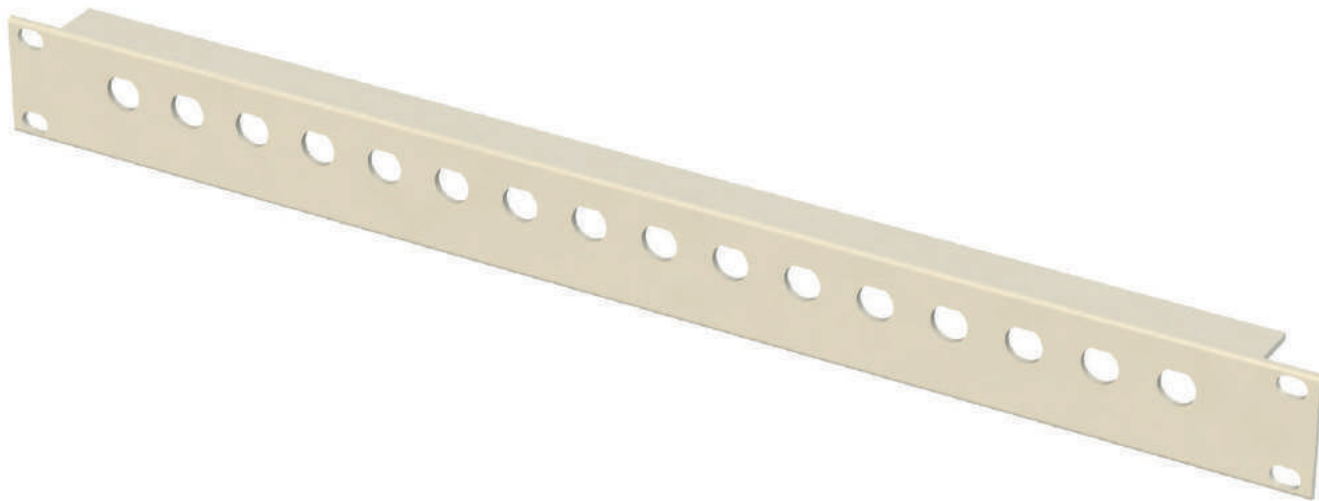| Connector	Number of cut-outs				
D-Sub09	8	10	12	16	20
D-Sub15	8	10	12	16	20
BNC-BU (8,9 x 9,7 mm)	8	10	12	16	20
BNC-IN (12,0 x 12,9 mm)	8	10	12	16	20
Twinax	8				
DIN-Audio	8	10	12	16	
XLR	8	10	12	16	
RJ11 - 45 (12,9 x 14,8 mm)	8	10	12	16	
RJ11 - 45 (12,9 x 15,5 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,1 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,6 mm)	8	10	12	16	
RJ11 - 45 (20,3 x 20,3 mm)	8	10	12	16	
F-SMA (7,0 x 7,5 mm)	8	10	12	16	20
SC	8	10	12	16	20
SC-Duplex		8	10	12	
ST (7,8 x 9,6 mm)		8	10	12	16
ST-Duplex		8	10	12	
D-11	Blank panel				
SIG-S	Identification label strip				

Consult factory when ordering printed and or painted panels for layout and part number.

19" Patch Panels 1 HU KK1P Series

TECHNICAL SPECIFICATIONS

Material: 2.5 mm extruded polymer profile (PS)
Colour: Grey, 4103 GY 30
Dimension: 1 HU = 44.0 mm

See separate page for different connector cut-outs available

PART NUMBERING SYSTEM

KK1P - 16 - BNC-IN

Series:
KK1P

Number of connector cut-outs:
See separate list

Connector:
See separate list

FEATURES

- Light weight and cost effective
- Panel measures only 2.5 mm
- Different connector styles can be configured on each panel
- For custom designed solutions, please consult factory
- Can be delivered with identification label strip upon request

KK1P Panel Versions (1HU)

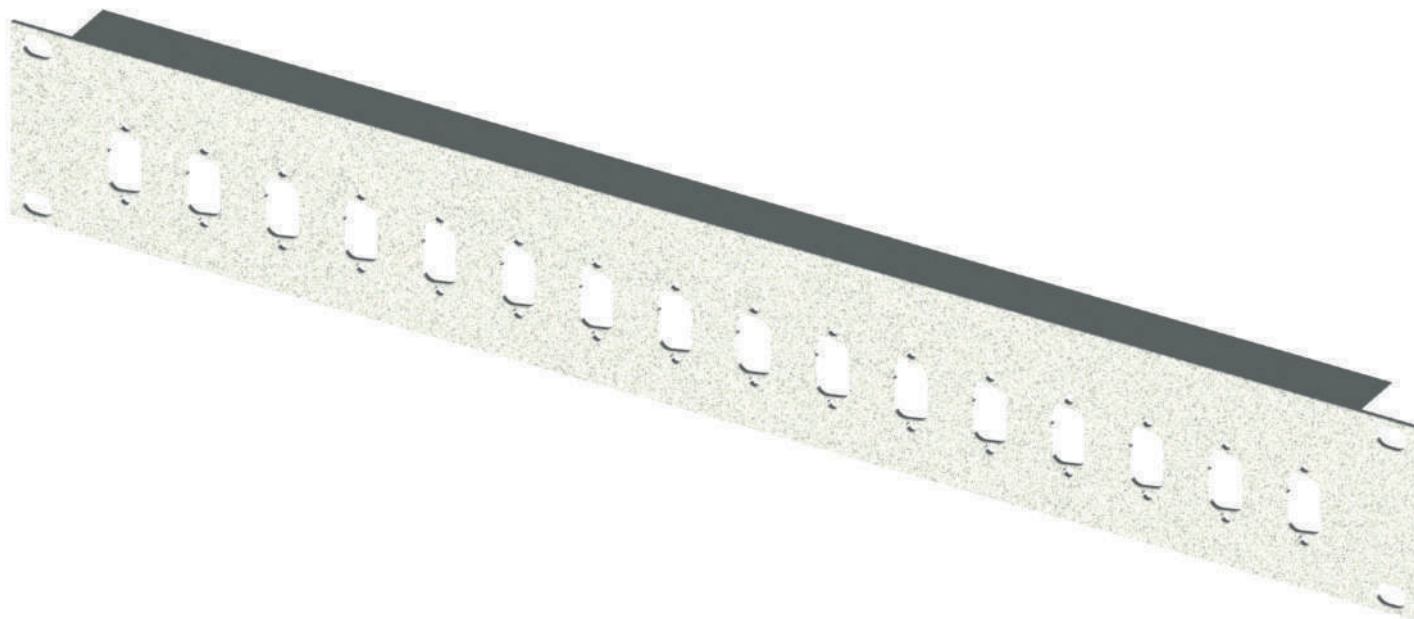| Connector	Number of cut-outs				
D-Sub09	8	10	12	16	20
D-Sub15	8	10	12	16	20
BNC-BU (8,9 x 9,7 mm)	8	10	12	16	20
BNC-IN (12,0 x 12,9 mm)	8	10	12	16	20
Twinax	8				
DIN-Audio	8	10	12	16	
XLR	8	10	12	16	
RJ11 - 45 (12,9 x 14,8 mm)	8	10	12	16	
RJ11 - 45 (12,9 x 15,5 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,1 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,6 mm)	8	10	12	16	
RJ11 - 45 (20,3 x 20,3 mm)	8	10	12	16	
F-SMA (7,0 x 7,5 mm)	8	10	12	16	20
SC	8	10	12	16	20
SC-Duplex	8	10	12		
ST (7,8 x 9,6 mm)	8	10	12	16	
ST-Duplex	8	10	12		
D-11	Blank panel				
SIG-S	Identification label strip				

Consult factory when ordering panels with different connector cut-outs on each panel for correct part number identification.

TECHNICAL SPECIFICATIONS

Material: Extruded aluminium
Finish: Anodised according E6 or painted RAL-colour
Dimension: 1.5 HU = 66.0 mm

See separate page for different connector cut-outs available

PART NUMBERING SYSTEM

KK1.5A - 16 - SUB-D9 - RAL7032

Series:
KK1.5A
Number of connector cut-outs:
See separate list

Colour:
Omit = Anodised according E6
RAL = Indicate painting according RAL7032

Connector:
See separate list

FEATURES

- Light weight and cost effective
- Panel measures only 1.6 mm to fit any available snap-in connector
- Different connector styles can be configured on each panel
- For custom designed solutions, please consult factory
- Can be delivered with printed logotype and panel marking upon request

KK1.5A Panel Versions (1.5 HU)

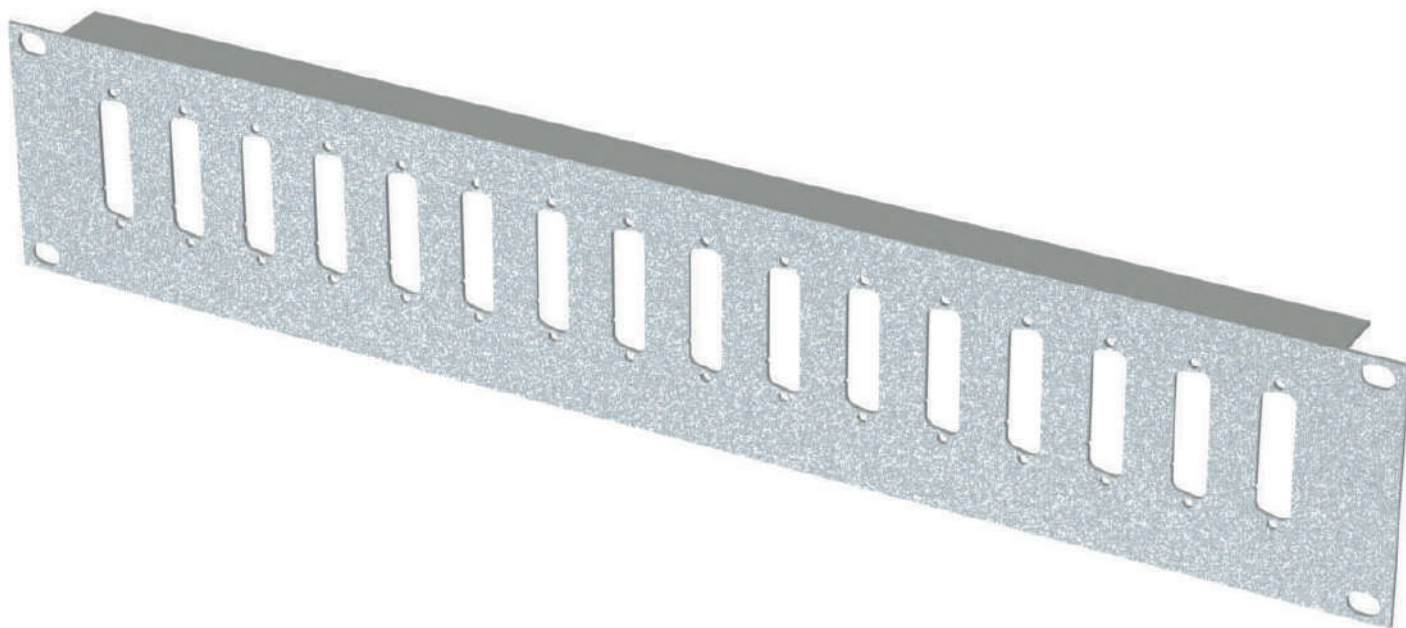| Connector	Number of cut-outs				
D-Sub09	8	10	12	16	20
D-Sub15	8	10	12	16	20
BNC-BU (8,9 x 9,7 mm)	8	10	12	16	20
BNC-IN (12,0 x 12,9 mm)	8	10	12	16	20
Twinax	8				
DIN-Audio	8	10	12	16	
XLR	8	10	12	16	
RJ11 - 45 (12,9 x 14,8 mm)	8	10	12	16	
RJ11 - 45 (12,9 x 15,5 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,1 mm)	8	10	12	16	
RJ11 - 45 (14,8 x 20,6 mm)	8	10	12	16	
RJ11 - 45 (20,3 x 20,3 mm)	8	10	12	16	
F-SMA (7,0 x 7,5 mm)	8	10	12	16	20
SC	8	10	12	16	20
SC-Duplex	8	10	12		
ST (7,8 x 9,6 mm)	8	10	12	16	
ST-Duplex	8	10	12		
D-11	Blank panel				
SIG-S	Identification label strip				

Consult factory when ordering printed and or painted panels for layout and part number

19" Patch Panels 2 HU KK2A Series

TECHNICAL SPECIFICATIONS

Material:	Extruded aluminium
Finish:	Anodised according E6 or painted RAL-colour
Dimension:	2 HU = 88.0 mm

See separate page for different connector cut-outs available

PART NUMBERING SYSTEM

KK2A - 32 - SUB-D9 - RAL7032

Series:
KK2A
Number of connector cut-outs:
See separate list

Colour:
Omit = Anodised according E6
RAL = Indicate painting according RAL7032
Connector:
See separate list

FEATURES

- Light weight and cost effective
- Panel measures only 1.6 mm to fit any available snap-in connector
- Different connector styles can be configured on each panel
- For custom designed solutions, please consult factory
- Can be delivered with printed logotype and panel marking upon request

KK2A Panel Versions (2 HU)

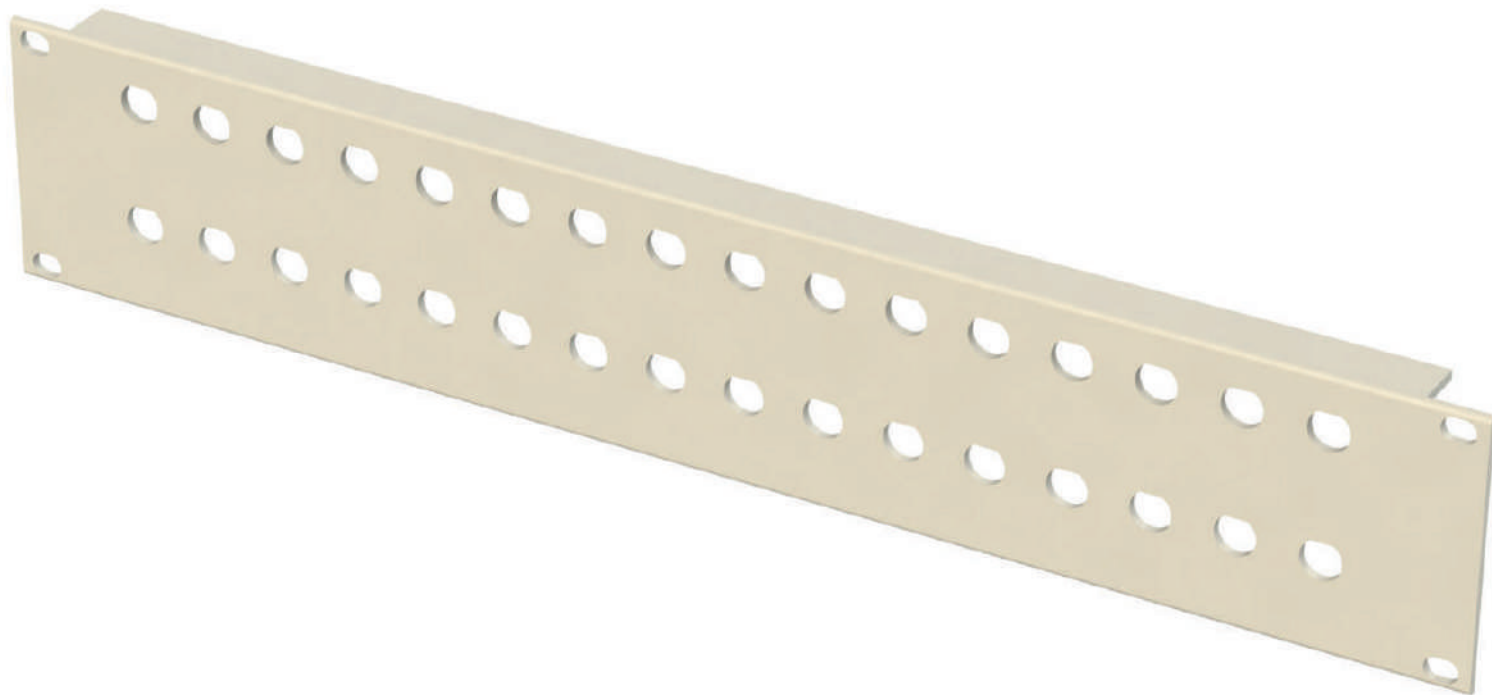| Connector	Number of cut-outs						
D-Sub09		8	10	12	16	20	
D-Sub15		8	10	12	16	20	
D-Sub25		8	10	12	16	20	
BNC-BU (8,9 x 9,7 mm)	8	10	12	16	20	24	32
BNC-IN (12,0 x 12,9 mm)	8	10	12	16	20	24	32
Twinax		8	10	12	16		
DIN-Audio	8	10	12	16	20	24	32
XLR	8	10	12	16	20	24	32
RJ11 - 45 (12,9 x 14,8 mm)	8	10	12	16	20	24	32
RJ11 - 45 (12,9 x 15,5 mm)	8	10	12	16	20	24	32
RJ11 - 45 (14,8 x 20,1 mm)	8	10	12	16	20	24	32
RJ11 - 45 (14,8 x 20,6 mm)	8	10	12	16	20	24	32
RJ11 - 45 (20,3 x 20,3 mm)	8	10	12	16	20	24	32
F-SMA (7,0 x 7,5 mm)		18	20	24	32	40	
SC		18	20	24	32	40	
SC-Duplex		18	20	24			
ST (7,8 x 9,6 mm)		18	20	24	32		
ST-Duplex		18	20	24			
D-11	Blank panel						
SIG-S	Identification label strip						

Consult factory when ordering printed and or painted panels for layout and part number.

19" Patch Panels 2 HU KK2P Series

TECHNICAL SPECIFICATIONS

Material: 2.5 mm extruded polymer profile (PS)
Colour: Grey, 4103 GY 30
Dimension: 2 HU = 88.0 mm

See separate page for different connector cut-outs available

PART NUMBERING SYSTEM

KK2P - 32 - BNC-BU

Series:
KK2P
Number of connector cut-outs:
See separate list

Connector:
See separate list

FEATURES

- Light weight and cost effective
- Panel measures only 2.5 mm
- Different connector styles can be configured on each panel
- For custom designed solutions, please consult factory
- Can be delivered with identification label strip upon request

KK2P Panel Versions (2 HU)

Connector	Number of cut-outs						
D-Sub09	8	10	12	16	20		
D-Sub15	8	10	12	16	20		
D-Sub25	8	10	12	16	20		
BNC-BU (8,9 x 9,7 mm)	8	10	12	16	20	24	32
BNC-IN (12,0 x 12,9 mm)	8	10	12	16	20	24	32
Twinax		8	10	12	16		
DIN-Audio	8	10	12	16	20	24	32
XLR	8	10	12	16	20	24	32
D-11	Blank panel						
SIG-S	Identification label strip						

Consult factory when ordering panels with different connector cut-outs on each panel for correct part number identification.

TECHNICAL SPECIFICATIONS

Material: Extruded aluminium
Finish: Anodised according to E6
Dimensions: 430 mm long and 15 mm wide

PART NUMBERING SYSTEM

SIG-S

Series:
SIG-S

FEATURES

- Extruded aluminium with anodised surface
- Each SIG-S is supplied with paper and plastic strip for marking connector cut-outs
- Delivered as an accessory for KK1A, KK1P, KK1,5A, KK2A and KK2P
- For one row panels is one SIG-S needed, for two row panels is two SIG-S needed
- When ordering 19" patch panels, SIG-S can be assembled from factory

BNC Covers TB / TL / YB Series

TECHNICAL SPECIFICATIONS

BNC-TB   BNC-TL

Material: Nylon UL94 V2
Temp. range: -40˚C - 90˚C
Applications: BNC-T connector (cable)
                 BNC-T connector (panel)
                 BNC-Y connector (cable)
Colour: Black or yellow
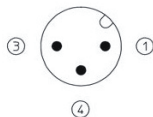
BNC-YB
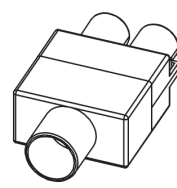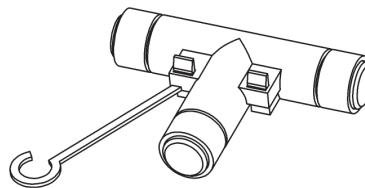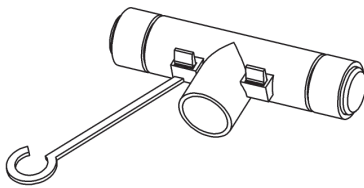
PART NUMBERING SYSTEM

BNC - TB -   - K
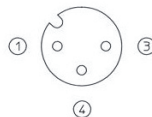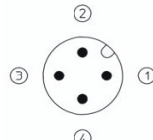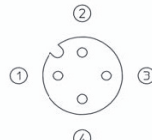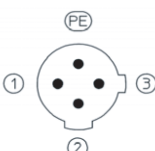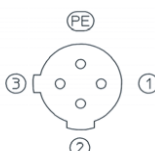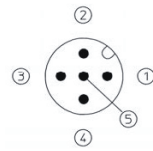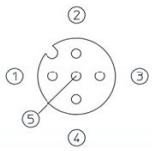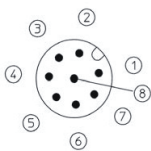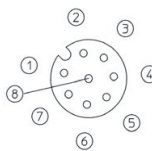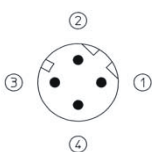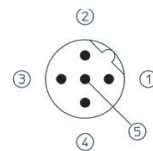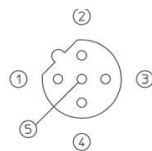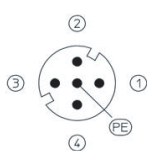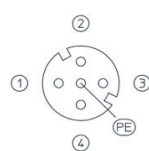
Series:
BNC
Connector:
TB = BNC-T Panel
TL = BNC-T Cable
YB = BNC-Y Cable

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
Colour:
Omit = Black
Yellow = Yellow

FEATURES

- Moulded in Nylon UL94 V2
- Conforms to IEEE 802.3 Thin Ethernet
- Snap assembly with locking rings
- Easily fitted after network is completed
- Outer insulation to protect from ground currents

M12 Circular connectors, mating face according to IEC 61076-2-101

Coding	Male	Female	Coding	Male	Female
A-Coding 3-way			**C-Coding** 3-way		
4-way			4-way		
5-way			5-way		
8-way					
			D-Coding 4-way		
B-Coding 5-way			**P-Coding** 5-way		

Litz wire colours M12 device plug-in connector

Assignment	Signal M12 male / female

Pin	A-Coded 4 pos.	D-Coded 4-pos.
1	BN	YE
2	WH	WH
3	BU	OG
4	BK	BU
	A-Coded 5 pos.	B-Coded 5 pos.
1	BN	BN
2	WH	WH
3	BU	BU
4	BK	BK
5	GY	GY

Pin	A-Coded 8 pos.
1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

	A-Coded 5-pos. CANopen®
1	Shield (Drain)
2	RD (V+)
3	BK (V-)
4	WH (CAN_H)
5	BU (CAN_L)

	A-Coded 5-pos. DeviceNet
1	Shield (Drain)
2	RD (V+)
3	BK (V-)
4	WH (CAN_H)
5	BU (CAN_L)

	A-Coded 8-pos. Ethernet
1	WHBU (D3-)
2	WHBN (D4+)
3	BN (D4-)
4	OG (D1-)
5	WHGN (D2+)
6	WHOG (D1+)
7	BU (D3+)
8	GN (D2-)

	A-Coded 8-pos. Varan
1	X
2	OG (TD-)
3	WHOG (TD+)
4	X
5	WHGN (RD+)
6	BU
7	BN
8	GN (RD-)

Pin	A-Coded 4-pos. AS-Interface
1	BU (AS-i+)
2	WH
3	BN (AS-i-)
4	BK

	A-Coded 4-pos. CC-Link
1	Shield (Drain)
2	WH (DB)
3	YE (DG)
4	BU (DA)

	A-Coded 4-pos. Fieldbus
1	BU (DATA-)
2	OG (DATA+
3	Shield (Drain)
4	X

	B-Coded 5-pos. PROFIBUS
1	X
2	GN (A cable)
3	X
4	RD (B cable)
5	Filler litz wire

	B-Coded 5-pos. INTERBUS
1	YE (DO)
2	GN (DO)
3	GY (DI)
4	PK (DI)
5	BN (COM)
X	WH (NC)

	D-Coded 4-pos. PROFINET
1	YE (TD+)
2	WH (RD+)
3	OG (TD-)
4	BU (RD-)

	D-Coded 4-pos. Ethernet
1	WHOG (TD+)
2	WHGN (RD+)
3	OG (TD-)
4	GN (RD-)

M12 Connector System: A-coded field attachable cable connectors

Male

EMI/RFI shielded cable connector with crimp contacts

Number of contacts	Gender	Cable diameter	Conductor cross section	Part number
3	Male	4 - 8 mm	AWG 24-20	M12SC24P3AC
4	Male	4 - 8 mm	AWG 24-20	M12SC24P4AC
5	Male	4 - 8 mm	AWG 24-20	M12SC24P5AC
8	Male	4 - 8 mm	AWG 24-22	M12SC24P8AC
0 (3 - 5 contacts housing)	Male	4 - 8 mm	n.a.	M12SP05AC
0 (8 contacts housing)	Male	4 - 8 mm	n.a.	M12SP08AC

M12 turned crimp contacts

Housing	Gender	Contact diameter	Conductor cross section	Part number
3 - 5 contacts	Male	1.0 mm	AWG 24-20	M12MC24
8 contacts	Male	0.8 mm	AWG 24-22	M12MC248

Conductor cross section

AWG #	Area mm²
AWG 24-20	0,21 - 0,52 mm²
AWG 24-22	0,21 - 0,33 mm²

M12 Connector System: A-coded field attachable cable connectors

Female

EMI/RFI shielded cable connector with crimp contacts

Number of contacts	Gender	Cable diameter	Conductor cross section	Part number
3	Female	4 - 8 mm	AWG 24-20	M12SC24S3AC
4	Female	4 - 8 mm	AWG 24-20	M12SC24S4AC
5	Female	4 - 8 mm	AWG 24-20	M12SC24S5AC
8	Female	4 - 8 mm	AWG 24-22	M12SC24S8AC
0 (3 - 5 contacts housing)	Female	4 - 8 mm	n.a.	M12SS05AC
0 (8 contacts housing)	Female	4 - 8 mm	n.a.	M12SS08AC

M12 turned crimp contacts

Housing	Gender	Contact diameter	Conductor cross section	Part number
3 - 5 contacts	Female	1.0 mm	AWG 24-20	M12FC24
8 contacts	Female	0.8 mm	AWG 24-22	M12FC248

Conductor cross section

AWG #	Area mm²
AWG 24-20	0,21 - 0,52 mm²
AWG 24-22	0,21 - 0,33 mm²

Circular M12 Connectors M12SCC Series

EMI/RFI shielded field installable cable connector with crimp contacts

Female

Male

PART NUMBERING SYSTEM

M12 S C24 S 4 A C

Connector type: C = cable connector

Coding: A

Number of contacts: 3, 4, 5 or 8

Connector gender: P = male connector
                      S = female connector

Connector:
M12
EMI/RFI:
S = shielded version
Type of contacts:
C24 = crimp contacts AWG 24-20 (0,21 - 0,52 mm²)
C248 = crimp contacts AWG 24-20 (0,21 - 0,33 mm²) for 8 contacts version
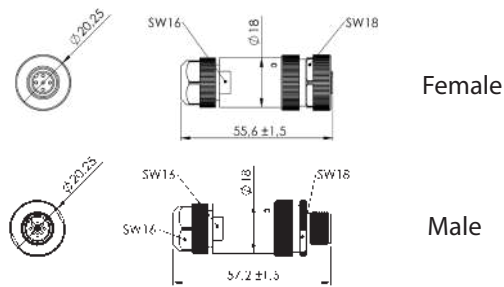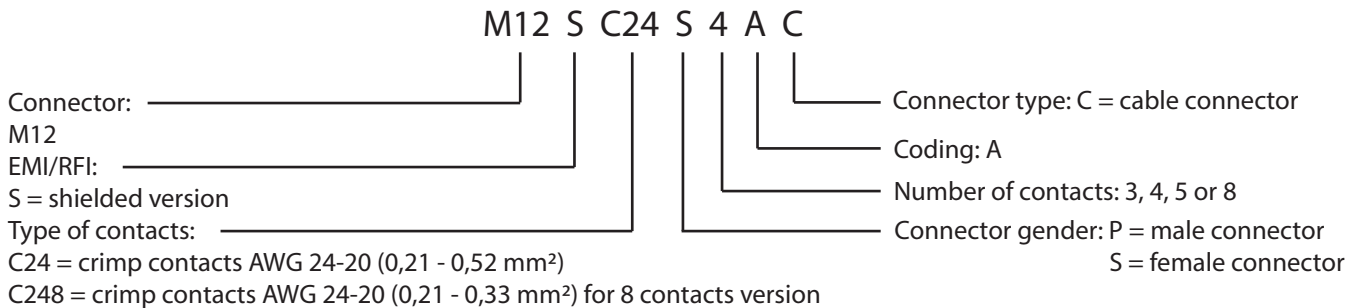
TECHNICAL SPECIFICATIONS

General values

Connector design	Cable connector
Locking system	M12 x 1
Termination	Crimp
Wire gauge	0,21 - 0,52 mm² (3 - 5 contacts)
	0,21 - 0,33 mm² (8 contacts)
Cable outlet	4 - 8 mm
Temp. range	-30°C to 80°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm

Electrical values

Rated voltage	250 V	(3 - 4 contacts)	
IEC 61076-2-101	60 V	(5 contacts)	
	30 V	(8 contacts)	
Rated current	4 A	(3 - 5 contacts)	
IEC 61076-2-101	2 A	(8 contacts)	
Volume resistance	≤ 8mΩ		
Mating cycles	> 100		IEC 60512-9A
Pollution degree	3		IEC 60664-1

Material

Material of contact	CuZn, Brass alloy
Contact plating	Au over Ni
Contact body material	PA, Polyamide
Housing material	CuZn, Brass alloy
Plating housing	Ni-plated, Ni over Cu
Cable seale	TPE
O-ring	FKM

M12 Connector System: A-coded panel connectors

Male

Rear panel mounting connector with crimp contacts

Number of contacts	Gender	Panel thickness	Conductor cross section	Part number
3	Male	< 4 mm	AWG 24-20	M12SC24P3ARP
4	Male	< 4 mm	AWG 24-20	M12SC24P4ARP
5	Male	< 4 mm	AWG 24-20	M12SC24P5ARP
8	Male	< 4 mm	AWG 24-22	M12SC24P8ARP
0 (3 - 5 way housing)	Male	< 4 mm	n.a.	M12SCP05RP
0 (8 way housing)	Male	< 4 mm	n.a.	M12SCP08RP

Front panel mounting connector with crimp contacts

Number of contacts	Gender	Panel thickness	Conductor cross section	Part number
3	Male	< 4 mm	AWG 24-20	M12SC24P3AFP
4	Male	< 4 mm	AWG 24-20	M12SC24P4AFP
5	Male	< 4 mm	AWG 24-20	M12SC24P5AFP
8	Male	< 4 mm	AWG 24-22	M12SC24P8AFP
0 (3 - 5 way housing)	Male	< 4 mm	n.a.	M12SCP05FP
0 (8 way housing)	Male	< 4 mm	n.a.	M12SCP08FP

M12 turned crimp contacts

Housing	Gender	Contact diameter	Conductor cross section	Part number
3 - 5 way	Male	1.0 mm	AWG 24-20	M12MC24
8 way	Male	0.8 mm	AWG 24-22	M12MC248

Conductor cross section

AWG #	Area mm²
AWG 24-20	0,21 - 0,52 mm²
AWG 24-22	0,21 - 0,33 mm²

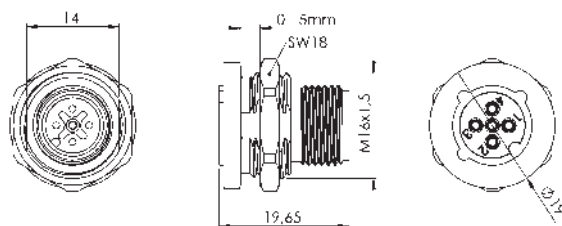**M12 Connector System: A-coded panel connectors**

Female

Rear panel mounting connector with crimp contacts

Number of contacts	Gender	Panel thickness	Conductor cross section	Part number
3	Female	< 4 mm	AWG 24-20	M12SC24S3ARP
4	Female	< 4 mm	AWG 24-20	M12SC24S4ARP
5	Female	< 4 mm	AWG 24-20	M12SC24S5ARP
8	Female	< 4 mm	AWG 24-22	M12SC24S8ARP
0 (3 - 5 way housing)	Female	< 4 mm	n.a.	M12SCS05RP
0 (8 way housing)	Female	< 4 mm	n.a.	M12SCS08RP

Front panel mounting connector with crimp contacts

Number of contacts	Gender	Panel thickness	Conductor cross section	Part number
3	Female	< 4 mm	AWG 24-20	M12SC24S3AFP
4	Female	< 4 mm	AWG 24-20	M12SC24S4AFP
5	Female	< 4 mm	AWG 24-20	M12SC24S5AFP
8	Female	< 4 mm	AWG 24-22	M12SC24S8AFP
0 (3 - 5 way housing)	Female	< 4 mm	n.a.	M12SCS05FP
0 (8 way housing)	Female	< 4 mm	n.a.	M12SCS08FP

M12 turned crimp contacts

Housing	Gender	Contact diameter	Conductor cross section	Part number
3 - 5 way	Female	1.0 mm	AWG 24-20	M12FC24
8 way	Female	0.8 mm	AWG 24-22	M12FC248

Conductor cross section

AWG #	Area mm²
AWG 24-20	0,21 - 0,52 mm²
AWG 24-22	0,21 - 0,33 mm²

M12 Connectors A-Coded M12CFP Series

EMI/RFI shielded male panel connector front assembly with crimp contacts

PART NUMBERING SYSTEM

M12 S C24 P 4 A FP

Connector:
M12

EMI/RFI:
S = shielded version

Type of contacts:
C24 = crimp contacts AWG 24-20 (0,21 - 0,52 mm²) for 3 - 5 ways
C248 = crimp contacts AWG 24-22 (0,21 - 0,33 mm²) for 8 ways

Connector gender: P = male connector

Number of contacts:
3, 4, 5 or 8

Coding: A

Connector type: FP = front panel assembly

TECHNICAL SPECIFICATIONS

General values

Connector design	Male panel connector
Locking system	M12 x 1
Termination	Crimp
Wire gauge	0,21 - 0,52 mm² (3 - 5 ways)
	0,21 - 0,33 mm² (8 ways)
Panel thickness	≤ 4 mm
Temp. range	-25°C to 85°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm

Electrical values

Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Material of contact	CuZn, Brass alloy
Contact plating	Au-plated, Au over Ni
Contact body material	PA, Polyamide
Housing material	CuZn, Brass alloy
Plating housing	Ni-plated, Ni over Cu
O-ring	FKM

EMI/RFI shielded female panel connector front assembly with crimp contacts

PART NUMBERING SYSTEM

M12 S C24 S 4 A FP

Connector:
M12

EMI/RFI:
S = shielded version

Type of contacts:
C24 = crimp contacts AWG 24-20 (0,21 - 0,52 mm²) for 3 - 5 ways
C248 = crimp contacts AWG 24-22 (0,21 - 0,33 mm²) for 8 ways

Connector type: FP = front panel assembly

Coding: A

Number of contacts:
3, 4, 5 or 8

Connector gender: S = female connector

TECHNICAL SPECIFICATIONS

General values

Connector design	Female panel connector
Locking system	M12 x 1
Termination	Crimp
Wire gauge	0,21 - 0,52 mm² (3 - 5 ways)
	0,21 - 0,33 mm² (8 ways)
Panel thickness	≤ 4 mm
Temp. range	-25°C to 85°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm

Electrical values

Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Material of contact	CuZn, Brass alloy
Contact plating	Au-plated, Au over Ni
Contact body material	PA, Polyamide
Housing material	CuZn, Brass alloy
Plating housing	Ni-plated, Ni over Cu
O-ring	FKM

M12 Connectors A-Coded M12CRP Series

EMI/RFI shielded male panel connector rear assembly with crimp contacts
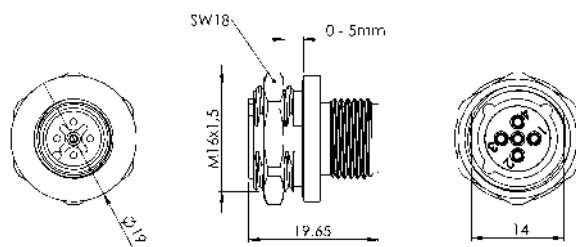
PART NUMBERING SYSTEM

M12 S C24 P 4 A RP

Connector:
M12

EMI/RFI:
S = shielded version

Type of contacts:
C24 = crimp contacts AWG 24-20 (0,21 - 0,52 mm²) for 3 - 5 ways
C248 = crimp contacts AWG 24-22 (0,21 - 0,33 mm²) for 8 ways

Connector type: RP = rear panel assembly
Coding: A
Number of contacts: 3, 4, 5 or 8
Connectors gender: P = male connector

TECHNICAL SPECIFICATIONS

General values

Connector design	Male panel connector
Locking system	M12 x 1
Termination	Crimp
Wire gauge	0,21 - 0,52 mm² (3 - 5 ways)
	0,21 - 0,33 mm² (8 ways)
Panel thickness	≤ 4 mm
Temp. range	-25°C to 85°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm

Electrical values

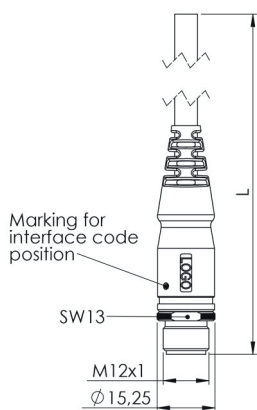|		
Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Material of contact	CuZn, Brass alloy
Contact plating	Au-plated, Au over Ni
Contact body material	PA, Polyamide
Housing material	CuZn, Brass alloy
Plating housing	Ni-plated, Ni over Cu
O-ring	FKM

EMI/RFI shielded female panel connector rear assembly with crimp contacts

PART NUMBERING SYSTEM

M12 S C24 S 4 A RP

Connector:
M12

EMI/RFI:
S = shielded version

Type of contacts:
C24 = crimp contacts AWG 24-20 (0,21 - 0,52 mm²) for 3 - 5 ways
C248 = crimp contacts AWG 24-22 (0,21 - 0,33 mm²) for 8 ways

Connector type: RP = rear panel assembly
Coding: A
Number of contacts: 3, 4, 5 or 8
Connectors gender: S = female connector

TECHNICAL SPECIFICATIONS

General values

Connector design	Female panel connector
Locking system	M12 x 1
Termination	Crimp
Wire gauge	0,21 - 0,52 mm² (3 - 5 ways)
	0,21 - 0,33 mm² (8 ways)
Panel thickness	≤ 4 mm
Temp. range	-25°C to 85°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm

Electrical values

Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Material of contact	CuZn, Brass alloy
Contact plating	Au-plated, Au over Ni
Contact body material	PA, Polyamide
Housing material	CuZn, Brass alloy
Plating housing	Ni-plated, Ni over Cu
O-ring	FKM

OSSI CONNECTORS

M12 Connector System:
A-coded moulded cable open end, axial
Male

Moulded cable open end

Interface	Number of contacts	Rated Current	Rated Voltage	IP rating	Cable length	Custom length	Cable outer jacket	Standard
	3	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	4	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	5	4A	60V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	8	2A	30V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101

M12 open-end cordset M12UMA Series

Unshielded open-ended cordset, M12x1 male with PUR or PVC cable

3 contacts

4 contacts

5 contacts

8 contacts

Marking for interface code position

SW13

M12x1
Ø 15,25

PART NUMBERING SYSTEM

M12 U M A 3 PVC 1

Connector:
M12

Cable:
U = unshielded

Connector gender:
M = male connector

Cable length (m):
1 / 2 / 3 / 5 / 10 (custom length also available)

Cable outer jacket:
PUR or PVC

Number of contacts:
3, 4, 5 or 8

Coding:
A

TECHNICAL SPECIFICATIONS

General values

Connector	Male M12x1, axial
Number of contacts	3, 4, 5 or 8
Coding	A
Temp. range	-30°C to +80°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm
Wire cross section	0.34 mm² / 0.34 mm²
Bending radius	5 x Ø fixed, 10 x Ø repeated

Electrical values

|		
Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Contact material	CuZn, Brass alloy, Au-plated
Contact body material	PA
Coupling nut material	CuZn, Brass alloy, Ni-plated
Grip body material	TPU
Cable jacket material	PUR or PVC
Wire insulation material	PP

M12 Connector System:
A-coded moulded cable open end, axial
Female

Moulded cable open end

Interface	Number of contacts	Rated Current	Rated Voltage	IP rating	Cable length	Custom length	Cable outer jacket	Standard
	3	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	4	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	5	4A	60V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	8	2A	30V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101

M12 open-end cordset M12UFA Series

Unshielded open-ended cordset, M12x1 female with PUR or PVC cable
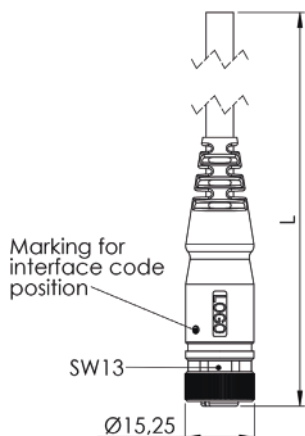
3 contacts

4 contacts

5 contacts

8 contacts

PART NUMBERING SYSTEM

M12 U F A 3 PVC 1

Connector:
M12
Cable:
U = unshielded
Connector gender:
F = female connector

Cable length (m):
1 / 2 / 3 / 5 / 10 (custom length also available)
Cable outer jacket:
PUR or PVC
Number of contacts:
3, 4, 5 or 8
Coding:
A

TECHNICAL SPECIFICATIONS

General values

Connector	Female M12x1, axial
Number of contacts	3, 4, 5 or 8
Coding	A
Temp. range	-30°C to +80°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm
Wire cross section	0.34 mm² / 0.25 mm²
Bending radius	5 x Ø fixed, 10 x Ø repeated

Electrical values

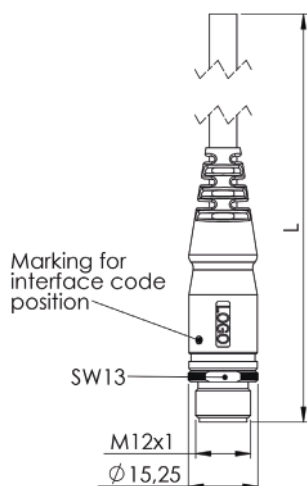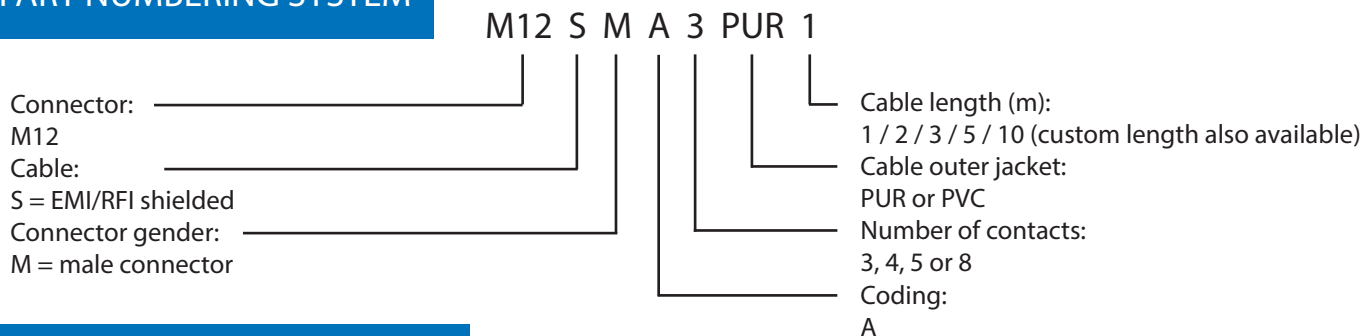|			
Rated voltage	250 V	(3 - 4 contacts)	
IEC 61076-2-101	60 V	(5 contacts)	
	30 V	(8 contacts)	
Rated current	4 A	(3 - 5 contacts)	
IEC 61076-2-101	2 A	(8 contacts)	
Volume resistance	≤ 8mΩ		
Mating cycles	> 100		IEC 60512-9A
Pollution degree	3		IEC 60664-1

Material

Contact material	CuZn, Brass alloy, Au-plated
Contact body material	PA
Coupling nut material	CuZn, Brass alloy, Ni-plated
Grip body material	TPU
Cable jacket material	PUR or PVC
Wire insulation material	PP

OSSI ®
CONNECTORS

M12 Connector System:
A-coded moulded cable open end, axial
EMI/RFI shielded
Male

EMI/RFI shielded moulded cable open end

Interface	Number of contacts	Rated Current	Rated Voltage	IP rating	Cable length	Custom length	Cable outer jacket	Standard
	3	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	4	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	5	4A	60V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	8	2A	30V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101

M12 open-end cordset M12SMA Series

EMI/RFI shielded open-ended cordset, M12x1 male with PUR or PVC cable

3 contacts

4 contacts

5 contacts

8 contacts

Marking for interface code position

SW13

M12x1

Ø 15,25

360° EMI/RFI shielded backshell

PART NUMBERING SYSTEM

M12 S M A 3 PUR 1

Connector:
M12

Cable:
S = EMI/RFI shielded

Connector gender:
M = male connector

Cable length (m):
1 / 2 / 3 / 5 / 10 (custom length also available)

Cable outer jacket:
PUR or PVC

Number of contacts:
3, 4, 5 or 8

Coding:
A

TECHNICAL SPECIFICATIONS

General values

Connector	Male M12x1, axial
Number of contacts	3, 4, 5 or 8
Coding	A
Temp. range	-30°C to +80°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm
Wire cross section	0.34 mm² / 0.25 mm²
Bending radius	5 x Ø fixed, 10 x Ø repeated

Electrical values

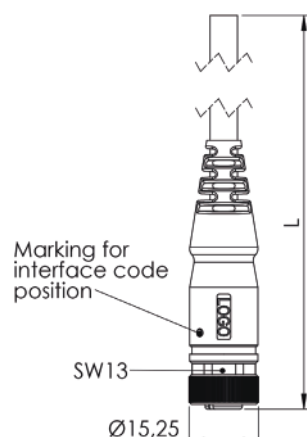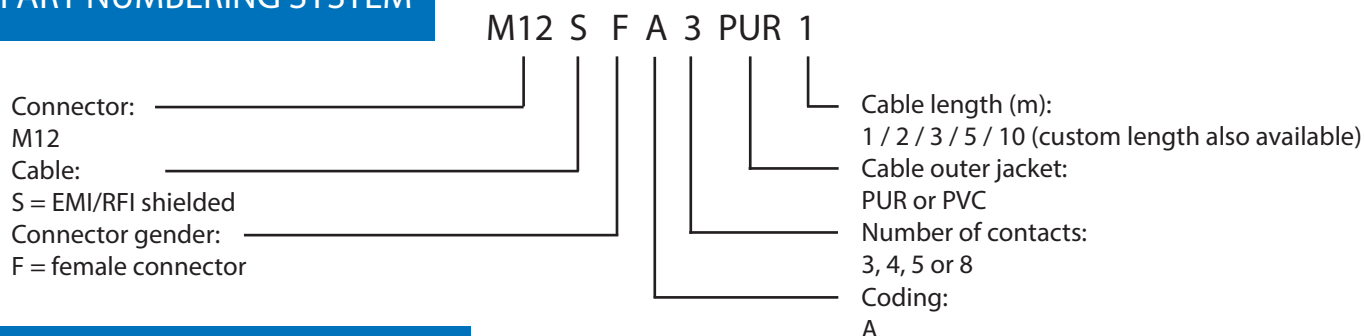|		
Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Contact material	CuZn, Brass alloy, Au-plated
Contact body material	PA
Coupling nut material	CuZn, Brass alloy, Ni-plated
Grip body material	TPU
Cable jacket material	PUR or PVC
Wire insulation material	PP

OSSi CONNECTORS

M12 Connector System:
A-coded moulded cable open end, axial
EMI/RFI shielded
Female

EMI/RFI shielded moulded cable open end

Interface	Number of contacts	Rated Current	Rated Voltage	IP rating	Cable length	Custom length	Cable outer jacket	Standard
	3	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	4	4A	250V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	5	4A	60V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101
	8	2A	30V	IP67	1 / 2 / 3 / 5 / 10	Yes	PUR or PVC	IEC 61076-2-101

EMI/RFI shielded open-ended cordset, M12x1 female with PUR or PVC cable

Marking for interface code position

SW13

Ø15,25

L

3 contacts

4 contacts

5 contacts

8 contacts

360° EMI/RFI shielded backshell

PART NUMBERING SYSTEM

M12 S F A 3 PUR 1

Connector:
M12
Cable:
S = EMI/RFI shielded
Connector gender:
F = female connector

Coding:
A

Number of contacts:
3, 4, 5 or 8

Cable outer jacket:
PUR or PVC

Cable length (m):
1 / 2 / 3 / 5 / 10 (custom length also available)

TECHNICAL SPECIFICATIONS

General values

Connector	Female M12x1, axial
Number of contacts	3, 4, 5 or 8
Coding	A
Temp. range	-30°C to +80°C IEC 60664-1
IP rating	IP67 IEC 60529
Mounting torque	60 Ncm
Wire cross section	0.34 mm^2 / 0.25 mm^2
Bending radius	5 x Ø fixed, 10 x Ø repeated

Electrical values

Rated voltage	250 V	(3 - 4 contacts)
IEC 61076-2-101	60 V	(5 contacts)
	30 V	(8 contacts)
Rated current	4 A	(3 - 5 contacts)
IEC 61076-2-101	2 A	(8 contacts)
Volume resistance	≤ 8mΩ	
Mating cycles	> 100	IEC 60512-9A
Pollution degree	3	IEC 60664-1

Material

Contact material	CuZn, Brass alloy, Au-plated
Contact body material	PA
Coupling nut material	CuZn, Brass alloy, Ni-plated
Grip body material	TPU
Cable jacket material	PUR or PVC
Wire insulation material	PP

M12 Connector Tools

M12 CRIMPING TOOL

Part number: M12CT
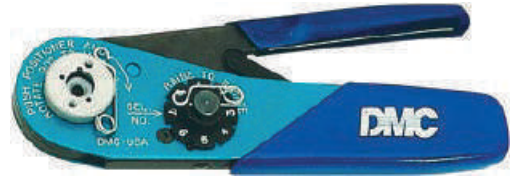
M12 CRIMPING TOOL LOCATOR

Part number: M12CLT-AWG26/18

Tool locator setting		
Contact item	Wire gauge	Locator setting
M12MC22, M12FC22	AWG 18	6
	AWG 20	6
	AWG 22	5
M12MC24, M12FC24	AWG 20, 22 & 24	6
M12MC26, M12FC26	AWG 22, 24 & 26	6

M12 SINGLE CRIMP CONTACTS

Turned male contacts			
Part number	Wire gauge	Packaging	Contact diameter
M12MC22	AWG 22 - 18 / 0,33 - 0,82 mm^2	100 pcs per unit	1,0 mm
M12MC24	AWG 24 - 20 / 0,21 - 0,52 mm^2	100 pcs per unit	1,0 mm
M12MC26	AWG 22 - 18 / 0,13 - 0,33 mm^2	100 pcs per unit	1,0 mm
M12MC228	AWG 22 - 18 / 0,33 - 0,82 mm^2	100 pcs per unit	0,8 mm
M12MC248	AWG 24 - 20 / 0,21 - 0,52 mm^2	100 pcs per unit	0,8 mm
M12MC268	AWG 22 - 18 / 0,13 - 0,33 mm^2	100 pcs per unit	0,8 mm

Turned female contacts			
Part number	Wire gauge	Packaging	Contact diameter
M12FC22	AWG 22 - 18 / 0,33 - 0,82 mm^2	100 pcs per unit	1,0 mm
M12FC24	AWG 24 - 20 / 0,21 - 0,52 mm^2	100 pcs per unit	1,0 mm
M12FC26	AWG 22 - 18 / 0,13 - 0,33 mm^2	100 pcs per unit	1,0 mm
M12FC228	AWG 22 - 18 / 0,33 - 0,82 mm^2	100 pcs per unit	0,8 mm
M12FC248	AWG 24 - 20 / 0,21 - 0,52 mm^2	100 pcs per unit	0,8 mm
M12FC268	AWG 22 - 18 / 0,13 - 0,33 mm^2	100 pcs per unit	0,8 mm

M12 DYNAMOMETRIC SCREWDRIVER

Part number	Dimension	Mounting torque
M12DYSC16	SW16	60 Ncm
M12DYSC18	SW18	60 Ncm

Cable PG Bushings OPG Series

TECHNICAL SPECIFICATIONS

Material: PPS UL94 V0
Temp. range: -40°C - 90°C
Each kit comprise: 1 bushing with nut
                     1 cable clamp
                     2 screws for cable clamp
Colour: Black
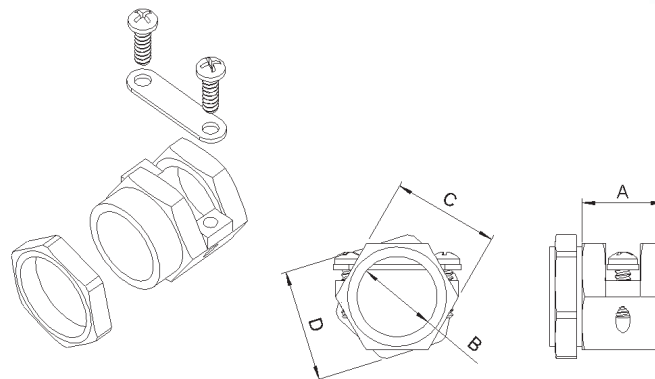
TYPE	A	B	C	D
OPG11	15,5	Ø15	20	21
OPG13,5	16,5	Ø16,5	22	23

PART NUMBERING SYSTEM

OPG - 11 - K

Series:
OPG
Size:
11 = PG11
13.5 = PG13.5
Packaging:
K = Kit package
BULK = Bulk / 100 pcs

FEATURES

- Moulded in PPS UL94 V0
- Available in dimension PG11 and PG13.5
- Few parts and attractive design for easy assembly
- Clamping range 4 - 12 mm (PG11) and 5 - 14 mm (PG13.5)

Boardmount Connectors OM9

TECHNICAL SPECIFICATIONS

Material insulator: Glass filled Polyetersulfone
                        UL94 V0
Number of contacts: 9
Material contacts: High conductive copper alloy
Plating: Gold flash over Ni
Oper. temperature: -55˚C to 125˚C
Current rating: 7.5 A
Contact resistance: < 3 mΩ
Insulation resistance: > 5000 MΩ
Operating voltage: 750 V RMS
Durability: 500 contact cycles
Colour insulator: Green
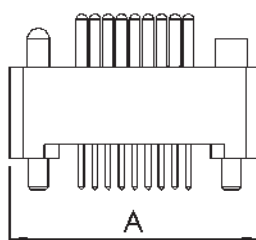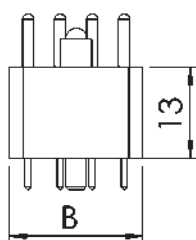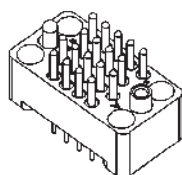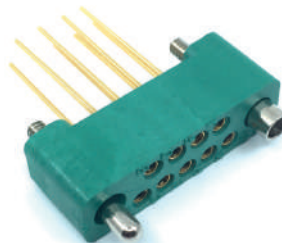
TYPE	A	B
OM9	33,3	9,5
OM18	35,8	19
OM34	51	19

PART NUMBERING SYSTEM

OM - 9 - H - 12

Series:
OM
Number of contacts:
9, 18 and 34
Gender:
H = Female
P = Male
Guidepins:
1 = Pin
2 = Socket
3 = Threaded pin
4 = Threaded socket

DESCRIPTION

- OM Series, straight contacts for pcb mounting
- OMV Series, angled contacts for pcb mounting
- OK Series, straight contacts for cable mounting

Boardmount Connectors OM18

TECHNICAL SPECIFICATIONS

Material insulator: Glass filled Polyetersulfone
UL94 V0
Number of contacts: 18
Material contacts: High conductive copper alloy
Plating: Gold flash over Ni
Oper. temperature: -55˚C to 125˚C
Current rating: 7.5 A
Contact resistance: < 3 mΩ
Insulation resistance: > 5000 MΩ
Operating voltage: 750 V RMS
Durability: 500 contact cycles
Colour insulator: Green
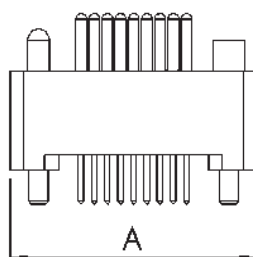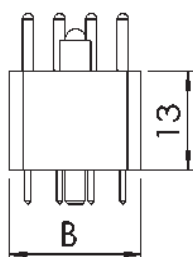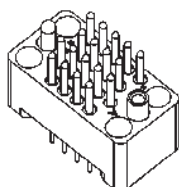
TYPE	A	B
OM9	33,3	9,5
OM18	35,8	19
OM34	51	19

PART NUMBERING SYSTEM

OM - 18 - P - 34

Series:
OM
Number of contacts:
9, 18 and 34
Gender:
H = Female
P = Male
Guide pins:
1 = Pin
2 = Socket
3 = Threaded
4 = Threaded socket

DESCRIPTION

- OM Series, straight contacts for pcb mounting
- OMV Series, angled contacts for pcb mounting
- OK Series, straight contacts for cable mounting

Boardmount Connectors OM34

TECHNICAL SPECIFICATIONS

Material insulator: Glass filled Polyetersulfone
                        UL94 V0
Number of contacts: 34
Material contacts: High conductive copper alloy
Plating: Gold flash over Ni
Oper. temperature: -55˚C to 125˚C
Current rating: 7.5 A
Contact resistance: < 3 mΩ
Insulation resistance: > 5 000 MΩ
Operating voltage: 750 V RMS
Durability: 500 contact cycles
Colour insulator: Green
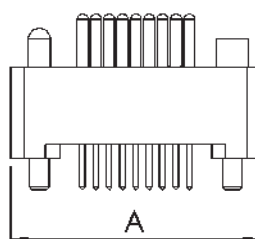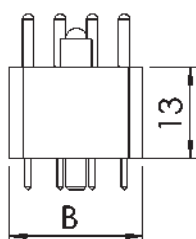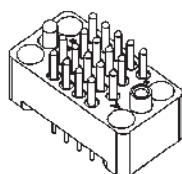
TYPE	A	B
OM9	33,3	9,5
OM18	35,8	19
OM34	51	19

PART NUMBERING SYSTEM

OM - 34 - P - 34

Series:
OM
Number of contacts:
9, 18 and 34
Gender:
H = Female
P = Male
Guidepins:
1 = Pin
2 = Socket
3 = Threaded pin
4 = Threaded socket

DESCRIPTION

- OM Series, straight contacts for pcb mounting
- OMV Series, angled contacts for pcb mounting
- OK Series, straight contacts for cable mounting

Custom Designed Backshell

25-way D-Sub backshell

|	
Project:	EMI/RFI shielded D-Sub backshell
Application:	Signal transmission unit for radio link equipment
Solution:	Zinc die-cast backshell with nickel plated surface and separate cable strain relief combined with crimp ferrules and cable ferrule support

Custom Designed Backshell

9 and 25-way EMI/RFI shielded backshell

|	
Project:	EMI/RFI shielded D-Sub backshell for medical device
Application:	Temperature controlled device for transportation of organs for transplantation
Solution:	9 and 25-way low profile EMI/RFI shielded aluminium D-Sub backshells
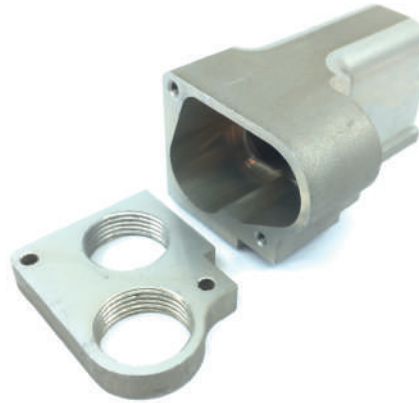
25-way D-Sub backshell

Project:	EMI/RFI shielded and IP67 D-Sub backshell
Application:	Outdoor RBS system
Solution:	CNC-machined aluminium D-Sub backshell

37-way EMI/RFI shielded backshell

Project:	EMI/RFI shielded D-Sub backshell with 2 cable outlets
Application:	Robot for SMD assembly line
Solution:	37-way low profile EMI/RFI shielded D-Sub backshell with 2 cable outlets

Power supply backshell

Project: EMI/RFI shielded backshell for 2 power cords with braided shield
Application: Power supply unit for RBS system
Solution: Die-casted zinc backshell with Ni-plated surface and separate flexible
        cable strain relief system

9-way EMI/RFI shielded gender changer

Project: EMI/RFI shielded D-Sub gender changer
Application: Communication system unit in train sets
Solution: 9-way low profile EMI/RFI shielded and filtered gender changer
                manufactured from CNC milled aluminium with anodized surface

Power supply backshell

Project:	D-Sub backshell for 2 power cords and 3W3 connector
Application:	Power supply unit for RBS system
Solution:	15-way D-Sub backshell with long jackscrews and integrated cable strain relief

25-way D-Sub backshell

Project: D-Sub backshell with long jackscrews UL94 V-0 rated
Application: Integrated communication device for LAN network
Solution: Polycarbonate moulded 25-way D-Sub backshell with internal
                dimension to fit 16 cm² printed circuit board

Custom Designed Backshell

25-way D-Sub backshell

Project: EMI/RFI shielded and IP67 D-Sub backshell
Application: Outdoor RBS system
Solution: CNC-machined aluminium D-Sub backshell with silicon gasket
                 and chromated surface

5-way immobiliser connector
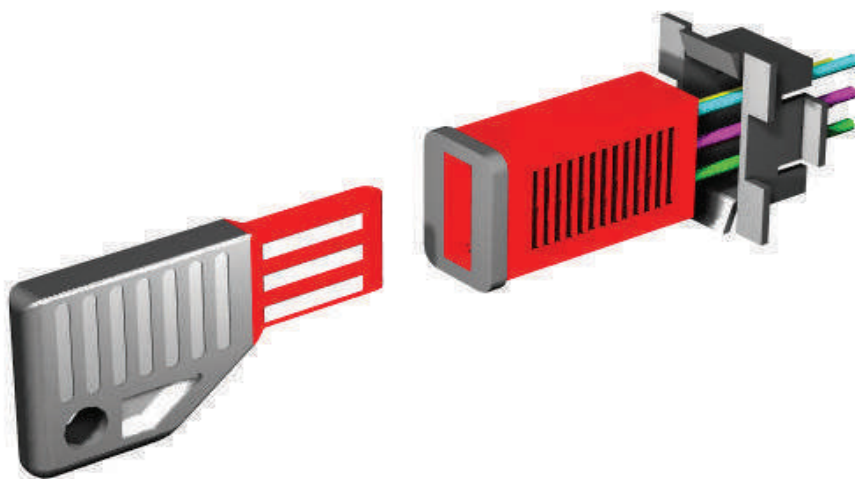
Project:	Key and receptacle with integrated circuit connected to black box device in vehicle
Application:	Male connector and female dashboard connector for vehicle immobiliser
Solution:	5-way key connector with ceramic solder chip and 5-way dashboard receptacle connected to vehicle device

Custom Designed Connector

12-way measure device panel connector
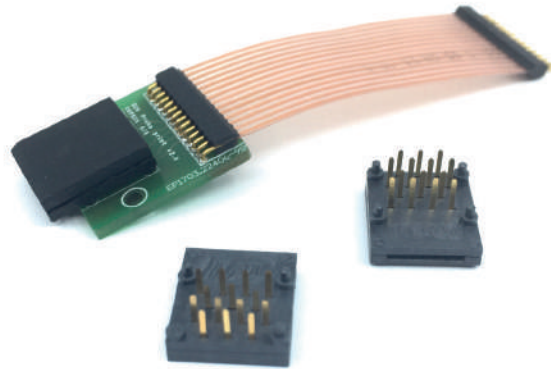
Project: Combined connector and holder integrated to probe for measure device
Application: Measurement of resistance applicable to nano technology
Solution: 12-way connector with contacts for soldering to printed circuit board

35 and 70 mm² connector insulator

Project:	Power cord for AC-DC units in various telecommunication equipment
Application:	Insulation of connectors with 35 and 70 mm² conductors
Solution:	1 piece moulded UL94 V0 Evoprene Thermoplastic Elastomer (TPE)

Screw head insulator
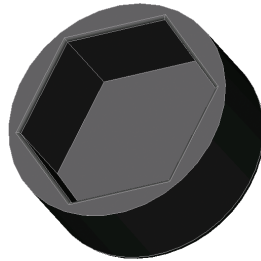
Project: Power supply unit for telecommunication equipment
Application: Insulation of screw head for ground termination
Solution: 1 piece moulded UL94 V0 Evoprene Thermoplastic Elastomer (TPE)

2-way radar detection device connector

Project: Radar device system for measuring level in tank of fluid liquid
Application: Female cable connector and male panel connector
Solution: 2-way male panel connector and female cable connector

Custom Designed Connector

11-way aerospace connector system

Project:	Interconnection solution for military aircraft communication device
Application:	Male cable connector and female panel connector
Solution:	11-way connector system for aircraft and communication device

5-way IDC connector

Project: Connection of power- and control cord in elevator shafts
Application: Connector and strain relief for lift in elevator shaft
Solution: 5-way IDC connector with integrated cable strain relief for installation on site with unbraco screw

3-way cable connector
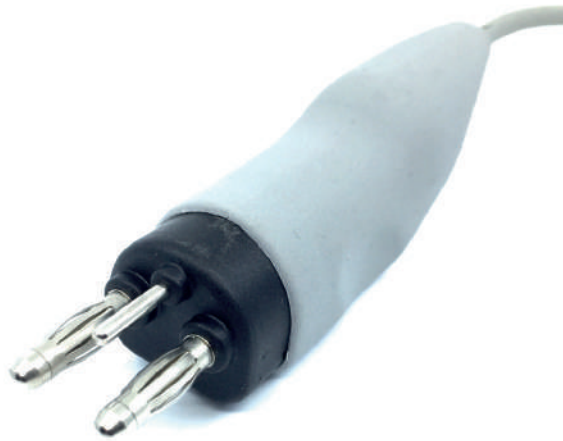
Project:	Overmoulded connector medical for surgery device
Application:	Spark eroding surgery device for treating joints and meniscuses
Solution:	3-way overmoulded sterilizable connector with Ni-plated turned contacts

9-way D-Sub cable connector and backshell

Project: Connector and backshell for interconnection of equipment to patient
Application: Oxygen level measurement (saturation) device of patient during surgery
Solution: 9-way D-Sub backshell and connector moulded in sterilizeable polymer
                UL94 V-0 approved with Au-plated turned contacts

Moulded cable strain relief

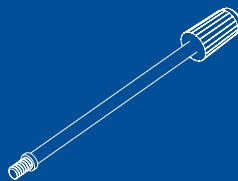|	
Project:	Control cable for gearbox in vehicles
Application:	Cable fixture to control box connected to gearbox in trucks
Solution:	1 piece moulded FRP Polycarbonate UL94 V0 strain relief

Notes

CONNECT TO OSSI

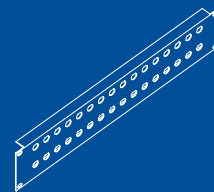## DISCOVER OUR PRODUCTS, SERVICES AND ONLINE CATALOGUES AT WWW.OSSI.DK
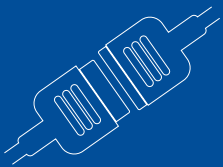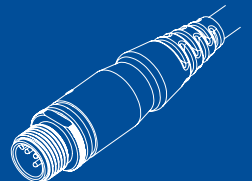
MAIN
CATALOGUE
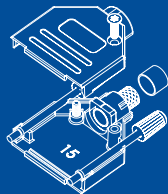
D·SUB
BACKSHELLS

D·SUB
ACCESSORIES

19" PATCH
PANELS

M12 CIRCULAR
CONNECTORS

OSSI®
CONNECTORS

CONNECTORS, PARTS AND
EXCELLENCE SINCE 1974

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