



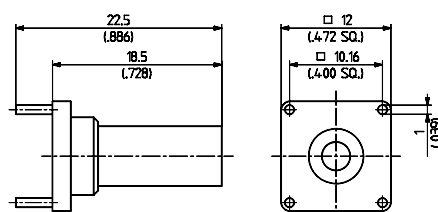
# ACCESSORIES

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## CABLE TERMINATORS

### Straight PCB cable terminators

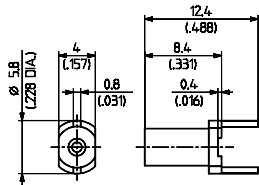
- > for flexible cables
- > cable entry crimp
- > 5.08 mm / .200 in. grid



| H+S type          | Item no. | Cable group (example) | Packaging | Plating body | Assembly Instruction/<br>Mounting Hole | Crimp insert |
|-------------------|----------|-----------------------|-----------|--------------|----------------------------------------|--------------|
| 83_CT-0-3-1/-23_E | 23013153 | U7 (RG 58 C/U)        | single    | nickel       | 27407 / ML 49                          | B            |
| 83_CT-0-3-2/-23_E | 23013154 | U9 (RG 223/U)         | single    | nickel       | 27407 / ML 49                          | B            |

> for flexible cables

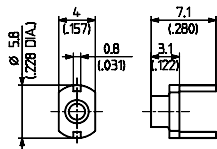
- > cable entry crimp
- > 2.54 mm / .100 in. grid



| H+S type           | Item no. | Cable group (example) | Packaging     | Plating body | Assembly Instruction/ Mounting Hole | Crimp insert |
|--------------------|----------|-----------------------|---------------|--------------|-------------------------------------|--------------|
| 83_CT-0-1-1/-11_NE | 23013158 | U1 (RG 178 B/U)       | single        | gold         | 27408 / ML 45                       | A            |
| 83_CT-0-2-1/-11_NE | 23013159 | U2 (RG 316/U)         | single        | gold         | 27408 / ML 45                       | A            |
| 83_CT-0-2-1/-11_NH | 23013160 | U2 (RG 316/U)         | bulk 100 pcs. | gold         | 27408 / ML 45                       | A            |
| 83_CT-0-2-2/-11_NE | 23013161 | U4 (K 02252 D)        | single        | gold         | 27408 / ML 45                       | A            |

> for semi-rigid cables

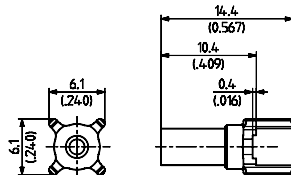
- > cable entry soldered
- > 2.54 mm / .100 in. grid



| H+S type           | Item no. | Cable group (example) | Packaging     | Plating body | Assembly instruction/ Mounting hole |
|--------------------|----------|-----------------------|---------------|--------------|-------------------------------------|
| 83_CT-0-2-4/-11_NE | 23013176 | Y3, Y11 (EZ 86)       | single        | gold         | 27410 / ML 45                       |
| 83_CT-0-2-4/-11_NH | 23013177 | Y3, Y11 (EZ 86)       | bulk 100 pcs. | gold         | 27410 / ML 45                       |

> for flexible cables

- > cable entry crimp
- > 2.54 mm / .100 in. grid



| H+S type           | Item no. | Cable group (example) | Packaging | Plating body | Assembly Instruction/ Mounting Hole | Crimp insert |
|--------------------|----------|-----------------------|-----------|--------------|-------------------------------------|--------------|
| 83_CT-0-2-3/-11_NE | 23013192 | U2 (RG 316/U)         | single    | gold         | 27409 / ML 15                       | A            |

- > for flexible cables
- > cable entry soldered

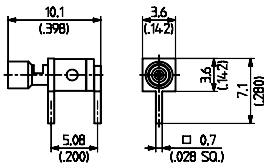


Fig. 1

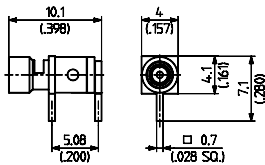


Fig. 2

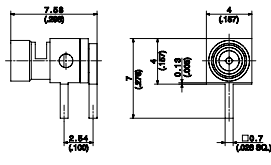
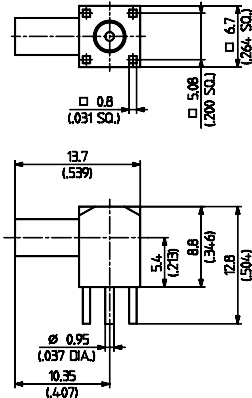


Fig. 3

| H+S type           | Item no. | Cable group (example) | Packaging     | Plating body | Assembly Instruction/ Mounting Hole | Fig. |
|--------------------|----------|-----------------------|---------------|--------------|-------------------------------------|------|
| 86_CT-0-1-1/111_NE | 23013202 | U1 (RG 178 B/U)       | single        | gold         | 27411 / ML 100                      | 1    |
| 86_CT-0-1-1/111_NH | 23013203 | U1 (RG 178 B/U)       | bulk 100 pcs. | gold         | 27411 / ML 100                      | 1    |
| 86_CT-0-2-1/111_NH | 23013216 | U2 (RG 316/U)         | bulk 100 pcs. | gold         | 27411 / ML 100                      | 2    |
| 86_CT-0-2-5/111_NH | 23016926 | U2 (RG 316/U)         | bulk 100 pcs. | gold         | 27432 / ML 164                      | 3    |

- > for flexible cables
- > cable entry crimp



| H+S type           | Item no. | Cable group (example) | Packaging | Plating body | Assembly Instruction/ Mounting Hole | Crimp insert |
|--------------------|----------|-----------------------|-----------|--------------|-------------------------------------|--------------|
| 86_CT-0-2-2/111_NE | 23013227 | U2 (RG 316/U)         | single    | gold         | 27412 / ML 15                       | A            |
| 86_CT-0-2-3/111_NE | 23013228 | U4 (K 02252 D)        | single    | gold         | 27412 / ML 15                       | A            |

## TAPER SLEEVES AND SUITABLE ASSEMBLY TOOLS

Release spray is recommended for mounting (Acmos 70 - 2404, oil-less)

- > for connectors with cable entry crimp
- > made of EVA (ethylenevinylacetat)
- > temperature resistant - 40°C – + 70°C / - 40 °F + 158 °F
- > halogen free
- > can be recycled



| Cable group   | U1            | U2, U5, S5               | U4, R8                 | U7, U8, U11,<br>U12, U13 +<br>RG142 B/U,<br>EF 142 |                       | U16*, U17     |               |
|---------------|---------------|--------------------------|------------------------|----------------------------------------------------|-----------------------|---------------|---------------|
| example       | RG 196 A/U    | RG 188 A/U<br>RG 179 B/U | G 02232 D<br>K 02252 D | RG 58 C/U                                          | RG 223/U<br>G 03233 D | RG 59 B/U     | G 04233 D     |
| colour black  | 78_Z-0-1-1    | 78_Z-0-2-1               | 78_Z-0-2-3             | 78_Z-0-3-4                                         | 78_Z-0-3-5            | 78_Z-0-4-4    | 78_Z-0-4-5    |
| Item no.      | 22544447      | 22544467                 | 22544457               | 22544408                                           | 22641890              | 22544427      | 22641673      |
| brown         | 78_Z-1-1-1    | 78_Z-1-2-1               | 78_Z-1-2-3             | 78_Z-1-3-4                                         | 78_Z-1-3-5            | 78_Z-1-4-4    | 78_Z-1-4-5    |
| Item no.      | 22544448      | 22544468                 | 22544458               | 22544416                                           | 22641664              | 22544436      | 22641674      |
| red           | 78_Z-2-1-1    | 78_Z-2-2-1               | 78_Z-2-2-3             | 78_Z-2-3-4                                         | 78_Z-2-3-5            | 78_Z-2-4-4    | 78_Z-2-4-5    |
| Item no.      | 22544449      | 22544469                 | 22544459               | 22544415                                           | 22641665              | 22544435      | 22641675      |
| orange        | 78_Z-3-1-1    | 78_Z-3-2-1               | 78_Z-3-2-3             | 78_Z-3-3-4                                         | 78_Z-3-3-5            | 78_Z-3-4-4    | 78_Z-3-4-5    |
| Item no.      | 22544450      | 22544470                 | 22544460               | 22544414                                           | 22641666              | 22544434      | 22641676      |
| yellow        | 78_Z-4-1-1    | 78_Z-4-2-1               | 78_Z-4-2-3             | 78_Z-4-3-4                                         | 78_Z-4-3-5            | 78_Z-4-4-4    | 78_Z-4-4-5    |
| Item no.      | 22544451      | 22544471                 | 22544461               | 22544413                                           | 22641667              | 22544433      | 22641677      |
| green         | 78_Z-5-1-1    | 78_Z-5-2-1               | 78_Z-5-2-3             | 78_Z-5-3-4                                         | 78_Z-5-3-5            | 78_Z-5-4-4    | 78_Z-5-4-5    |
| Item no.      | 22544452      | 22544472                 | 22544462               | 22544412                                           | 22641668              | 22544432      | 22641678      |
| blue          | 78_Z-6-1-1    | 78_Z-6-2-1               | 78_Z-6-2-3             | 78_Z-6-3-4                                         | 78_Z-6-3-5            | 78_Z-6-4-4    | 78_Z-6-4-5    |
| Item no.      | 22544453      | 22544473                 | 22544463               | 22544411                                           | 22641669              | 22544431      | 22641679      |
| violet        | 78_Z-7-1-1    | 78_Z-7-2-1               | 78_Z-7-2-3             | 78_Z-7-3-4                                         | 78_Z-7-3-5            | 78_Z-7-4-4    | 78_Z-7-4-5    |
| Item no.      | 22544454      | 22544474                 | 22544464               | 22544410                                           | 22641670              | 22544430      | 22641680      |
| grey          | 78_Z-8-1-1    | 78_Z-8-2-1               | 78_Z-8-2-3             | 78_Z-8-3-4                                         | 78_Z-8-3-5            | 78_Z-8-4-4    | 78_Z-8-4-5    |
| Item no.      | 22544455      | 22544475                 | 22544465               | 22544409                                           | 22641671              | 22544429      | 22641681      |
| white         | 78_Z-9-1-1    | 78_Z-9-2-1               | 78_Z-9-2-3             | 78_Z-9-3-4                                         | 78_Z-9-3-5            | 78_Z-9-4-4    | 78_Z-9-4-5    |
| Item no.      | 22544456      | 22544476                 | 22544466               | 22544508                                           | 22641672              | 22544428      | 22641682      |
| length        | 20 mm/.79 in. | 20 mm/.79 in.            | 20 mm/.79 in.          | 38 mm/1.5 in.                                      | 38 mm/1.5 in.         | 38 mm/1.5 in. | 38 mm/1.5 in. |
| Assembly Tool | 74_Z-0-2-1    | 74_Z-0-2-1               | 74_Z-0-2-1             | 74_Z-0-3-6                                         | 74_Z-0-3-6            | 74_Z-0-4-6    | 74_Z-0-4-6    |
| Item no.      | 22543144      | 22543144                 | 22543144               | 22544544                                           | 22544544              | 22544543      | 22544543      |

\* without RG 302

The two types below are available in black only

|               |                   |                   |
|---------------|-------------------|-------------------|
| Cable group   | U29, U30, U34     | U32, U36          |
| example       | RG 213/U          | RG 214/U          |
| colour black  | <b>78_Z-0-7-1</b> | <b>78_Z-0-7-2</b> |
| Item no.      | <b>22641162</b>   | <b>22641163</b>   |
| length        | 48 mm / 1.89 in.  | 48 mm / 1.89 in.  |
| Assembly tool | 74_Z-0-7-2        | 74_Z-0-7-3        |
| Item no.      | <b>22641165</b>   | <b>22641164</b>   |



## COLOURED PLASTIC CAPS

| H+S type          | Item no. | Packaging     | Colour |
|-------------------|----------|---------------|--------|
| 61_BNC-0-0-7 /—_H | 22543863 | bulk 100 pcs. | black  |
| 61_BNC-1-0-7/—_H  | 22543864 | bulk 100 pcs. | brown  |
| 61_BNC-2-0-7/—_H  | 22543865 | bulk 100 pcs. | red    |
| 61_BNC-3-0-7/—_H  | 22543866 | bulk 100 pcs. | orange |
| 61_BNC-4-0-7/—_H  | 22543867 | bulk 100 pcs. | yellow |
| 61_BNC-5-0-7/—_H  | 22543868 | bulk 100 pcs. | green  |
| 61_BNC-6-0-7/—_H  | 22543869 | bulk 100 pcs. | blue   |
| 61_BNC-7-0-7/—_H  | 22543870 | bulk 100 pcs. | violet |
| 61_BNC-8-0-7/—_H  | 22543871 | bulk 100 pcs. | grey   |
| 61_BNC-9-0-7/—_H  | 22543872 | bulk 100 pcs. | white  |



Suitable for all HUBER+SUHNER® BNC plugs (can be pressed on to collar in front of coupling nut)

## FASTENING SCREWS

for panel receptacles (pattern 13, 15, 23, 25)

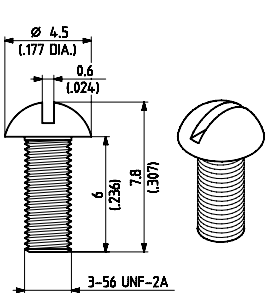


Fig. 1

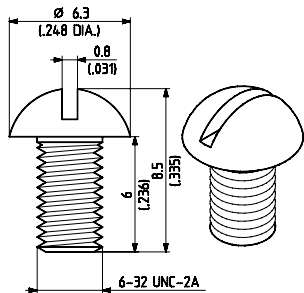


Fig. 2

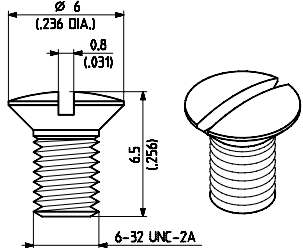
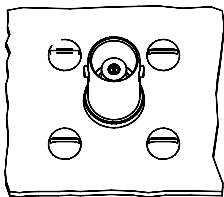


Fig. 3

| H+S type        | Item no. | Packaging     | Thread   | Fig. |
|-----------------|----------|---------------|----------|------|
| 73_Z-0-0-2/—_3H | 22543044 | bulk 100 pcs. | 3-56 UNF | 1    |
| 73_Z-0-0-6/—_0H | 22543050 | bulk 100 pcs. | 6-32 UNC | 2    |
| 73_Z-0-0-7/—_3H | 22543052 | bulk 100 pcs. | 6-32 UNC | 3    |



# INSULATING WASHERS

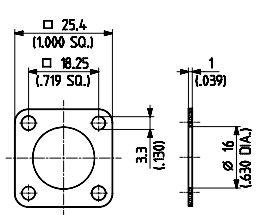


Fig. 1

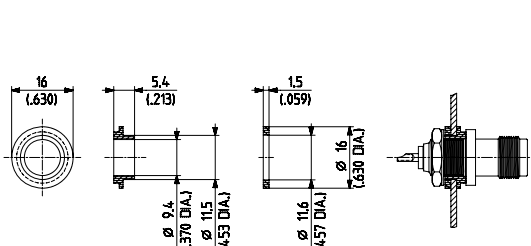


Fig. 2

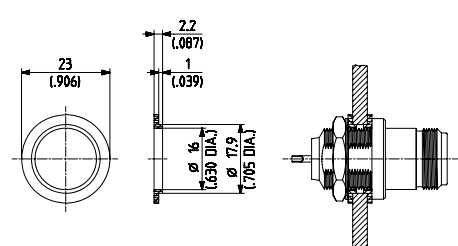


Fig. 3

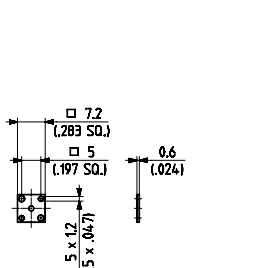


Fig. 4

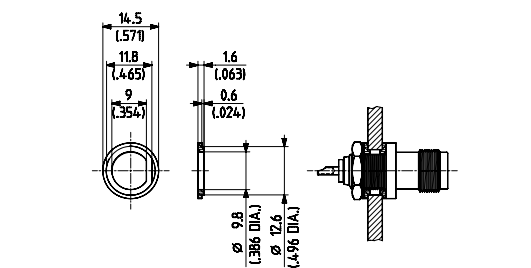


Fig. 5

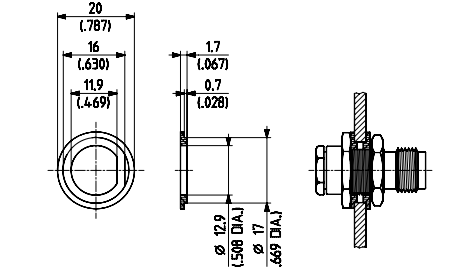


Fig. 6

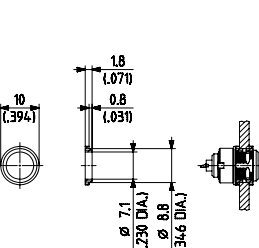


Fig. 7

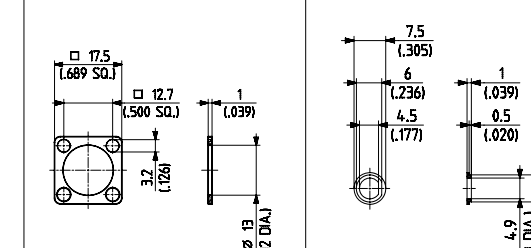


Fig. 8

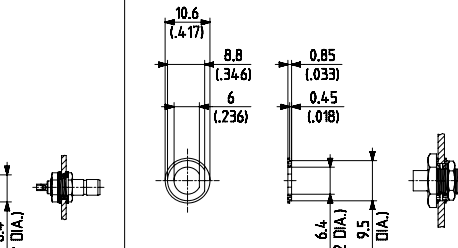


Fig. 9

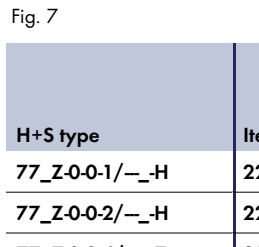


Fig. 10

| H+S type        | Item no. | Suitable for:       |                           | Mounting hole | Material      | Fig. | Notes                                     |
|-----------------|----------|---------------------|---------------------------|---------------|---------------|------|-------------------------------------------|
|                 |          | Connector pattern * | Connector series          |               |               |      |                                           |
| 77_Z-0-0-1/-_H  | 22543199 | 23, 25              | N                         | ML 14         | polyamide     | 1    | 10 pcs each                               |
| 77_Z-0-0-2/-_H  | 22543200 | 12, 22              | BNC, TNC                  | ML 102        | polyamide     | 2    | **/10 pairs                               |
| 77_Z-0-0-4/-_Z  | 22543202 | 12,22,24,34         | N                         | ML 113        | polyamide     | 3    | 10 pairs                                  |
| 77_Z-0-0-8/-_H  | 22543204 | 82, 85              | SMB/C/S, MCX, QLA 00, SMA | ML 41         | PTFE          | 4    | 100 pcs                                   |
| 77_Z-0-0-9/-_Z  | 22543205 | 12, 22              | BNC, TNC                  | ML 4          | polycarbonate | 5    | **/10 pairs                               |
| 77_Z-0-0-12/-_H | 22543209 | 24, 34              | BNC, TNC                  | ML 22         | polycarbonate | 6    | 10 pairs                                  |
| 77_Z-0-0-14/-_Z | 22543211 | 22, 24, 34          | QLA 00                    | ML 114        | polyamide     | 7    | **/10 pairs                               |
| 77_Z-0-0-15/-_H | 22641429 | 23, 25              | BNC, TNC                  | ML 8          | polyethylene  | 8    | 10 pcs each                               |
| 77_Z-0-0-21/-_Z | 22645782 | 22, 24, 34          | SMB/C/S                   | ML 35         | polycarbonate | 9    | 10 pairs                                  |
| 77_Z-0-0-23/-_Z | 22652083 | 22, 34***           | SMA                       | ML 2          | polycarbonate | 10   | for connectors with ML 35 only / 10 pairs |

\* see connector pattern on page 5

\*\* without rotation protection

\*\*\* not all types of pattern 34 are suitable for insulated mounting

## SOLDER TAGS

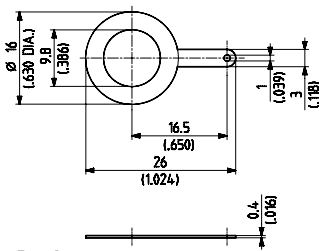


Fig. 1

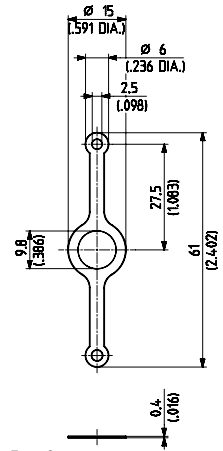


Fig. 2

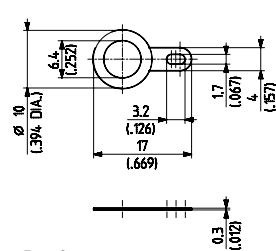


Fig. 3

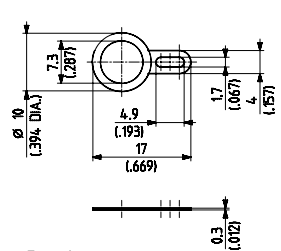


Fig. 4

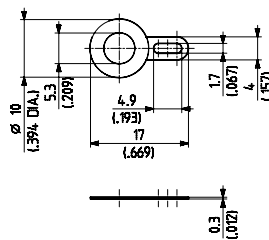


Fig. 5

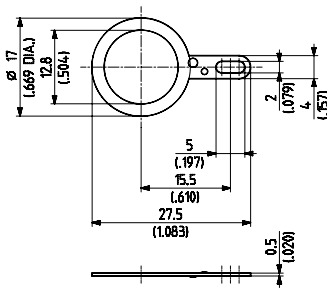


Fig. 6

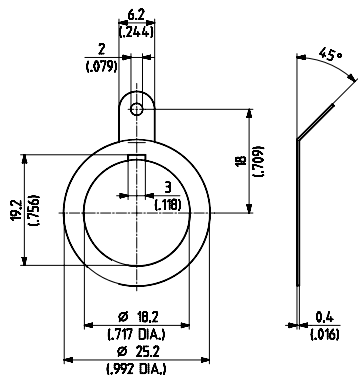


Fig. 7

| H+S type         | Item no. | Suitable for:      |                              | Packaging     | Fig. | Notes        |
|------------------|----------|--------------------|------------------------------|---------------|------|--------------|
|                  |          | Connector pattern* | Connector series             |               |      |              |
| 72_Z-0-0-1/-_5H  | 22543029 | 12, 22             | BNC, BNO, BNT, SHV, MHV, TNC | bulk 100 pcs. | 1    | single ended |
| 72_Z-0-0-2/-_H   | 22543033 | 12, 22             | BNC, BNO, BNT, SHV, MHV, TNC | bulk 100 pcs. | 2    | double ended |
| 72_Z-0-0-6/-_0H  | 22543036 | 22, 24, 34         | SMA                          | bulk 100 pcs. | 3    | single ended |
| 72_Z-0-0-8/-_5H  | 22543038 | 22, 24             | QLA 00                       | bulk 100 pcs. | 4    | single ended |
| 72_Z-0-0-9/-_5H  | 22543039 | 12, 22, 24, 34     | SMB/SMC/SMS, MCX             | bulk 100 pcs. | 5    | single ended |
| 72_Z-0-0-11/-_5H | 22641496 | 24, 34             | BNC, BNO, BNT, SHV, MHV, TNC | bulk 100 pcs. | 6    | single ended |
| 72_Z-0-0-13/-_5H | 22642507 | 22, 24, 34         | N                            | bulk 100 pcs. | 7    | single ended |

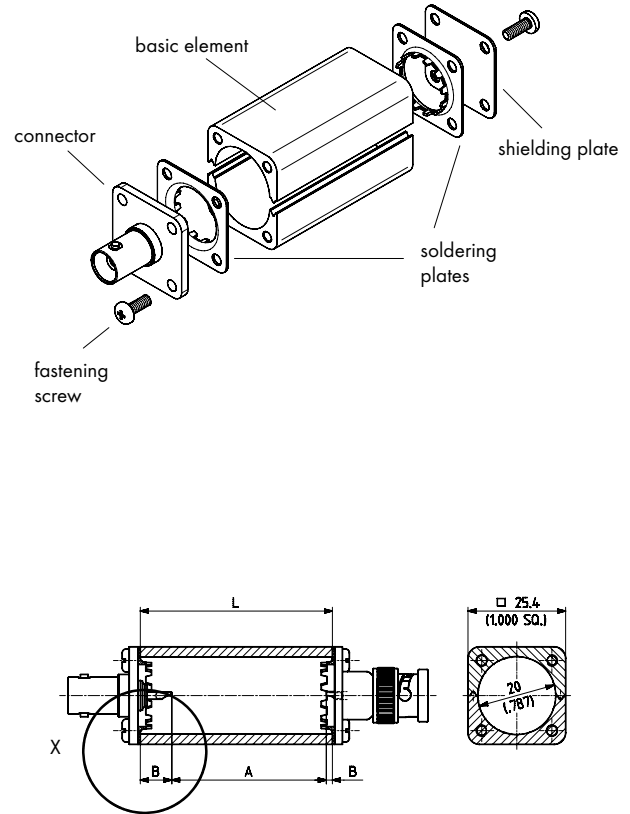
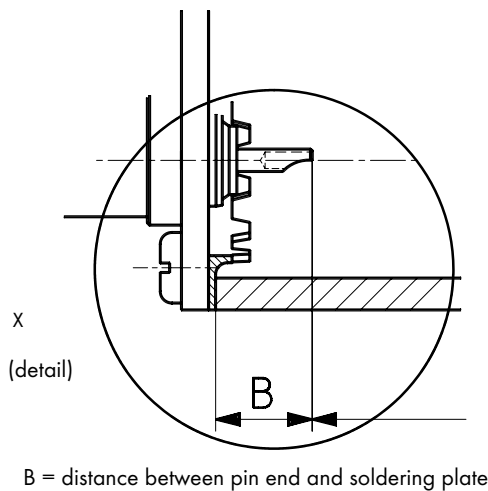
\* see connector pattern on page 5

# COMPONENT CONTAINER "SUCOBOX"

The HUBER+SUHNER "SUCOBOX" is a versatile component container with coaxial input and output connectors or cable entries.

## SUCOBOX I

The basic element consists of two similar container parts, two soldering plates for easy soldering of the earthing and 8 tightening screws.



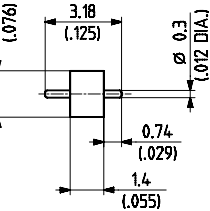
| H+S type         | Item no. | Description               | Length L           | Material                  | Packaging     |
|------------------|----------|---------------------------|--------------------|---------------------------|---------------|
| 66_CB-35-0-1/-_E | 22541510 | basic element             | 35.0 mm / 1.38 in. | aluminium, anodized, blue | single        |
| 66_CB-50-0-1/-_E | 22541514 | basic element             | 50.0 mm / 1.97 in. | aluminium, anodized, blue | single        |
| 72_Z-0-0-5/-_OH  | 22543035 | soldering plate, separate | —                  | brass, silver plated      | bulk 100 pcs. |
| 73_Z-0-0-9/-_H   | 22543056 | shielding plate, separate | —                  | brass, silver plated      | bulk 100 pcs. |

## Suitable connectors

| H+S type             | Item no. | Connector | Dimension B (see drawing top left) | Packaging |
|----------------------|----------|-----------|------------------------------------|-----------|
| 13_BNC-50-0-2/133_NE | 22540160 | plug      | 1.5 mm / 0.06 in.                  | single    |
| 23_BNC-50-0-2/133_NE | 22540333 | jack      | 8.0 mm / 0.31 in.                  | single    |
| 13_N-50-0-1/133_NE   | 22542173 | plug      | 9.0 mm / 0.35 in.                  | single    |
| 23_N-50-0-1/133_NE   | 22542272 | jack      | 9.0 mm / 0.35 in.                  | single    |

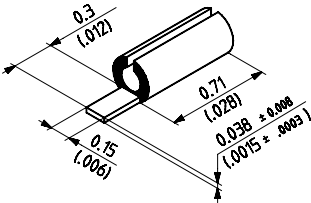
## ACCESSORIES FOR SK CONNECTORS

Glass bead for 12 SK, 13 SK, 22 SK, 23 SK  
connectors (package with 1 piece)



HUBER+SUHNER® TYPE  
73\_Z-0-0-203  
Item no. 22645983

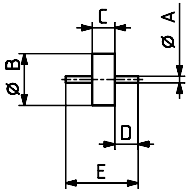
Microstrip stress relief contacts  
(package with 100 pieces)



HUBER+SUHNER® TYPE  
73\_Z-0-0-204  
Item no. 22645980  
Mounting instruction 9183

## ACCESSORIES FOR BMA CONNECTORS

Glass bead for 12\_BMA-50-0-3  
and 22\_BMA-50-0-3



| H+S type     | Item no. | Ø A                  | Ø B                  | C                     | D                    | E                    |
|--------------|----------|----------------------|----------------------|-----------------------|----------------------|----------------------|
| 73_Z-0-0-198 | 22645655 | 0.5 mm /<br>.020 in. | 4.0 mm /<br>.157 in. | 1.75 mm /<br>.069 in. | 1.8 mm /<br>.071 in. | 5.6 mm /<br>.220 in. |

## ACCESSORIES FOR HUBER+SUHNER QUICK-FIT®

Cold shrink tubes for additional protection



| H+S type         | Item no. | Packaging       | Application of connector pair                                                                            |                                   |             |
|------------------|----------|-----------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|
| 73_Z-0-0-337/—-Z | 22658883 | bulk 10 pcs.    | 3/8" - 1/2"<br>1/2" HF - 1/2" HF                                                                         | 3/8" EFX - 1/2"<br>1/2" HF - 1/2" | 1/2" - 1/2" |
| 73_Z-0-0-338/—-Z | 22658884 | bulk 10 pcs.    | 1/2" HF - 7/8"<br>7/8" - 7/8"                                                                            | 1/2" - 7/8"                       |             |
| 73_Z-0-0-339/—-Y | 22658885 | bulk (variable) | 1/2" HF - 1 1/4"<br>1/2" HF - 1 5/8"<br>1/2" - 1 1/4"<br>1/2" - 1 5/8"<br>7/8" - 1 1/4"<br>7/8" - 1 5/8" |                                   |             |
| 73_Z-0-0-340/—-Y | 22658886 | bulk (variable) | 1 1/4" - 1 1/4"<br>1 1/4" - 1 5/8"<br>1 5/8" - 1 5/8"                                                    |                                   |             |