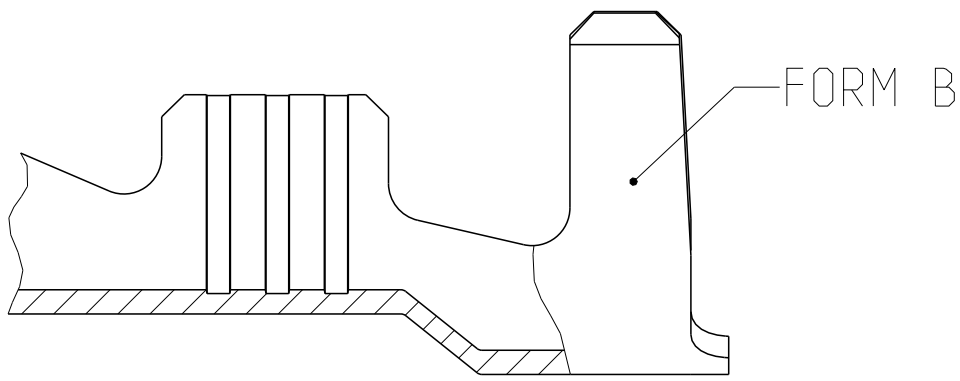
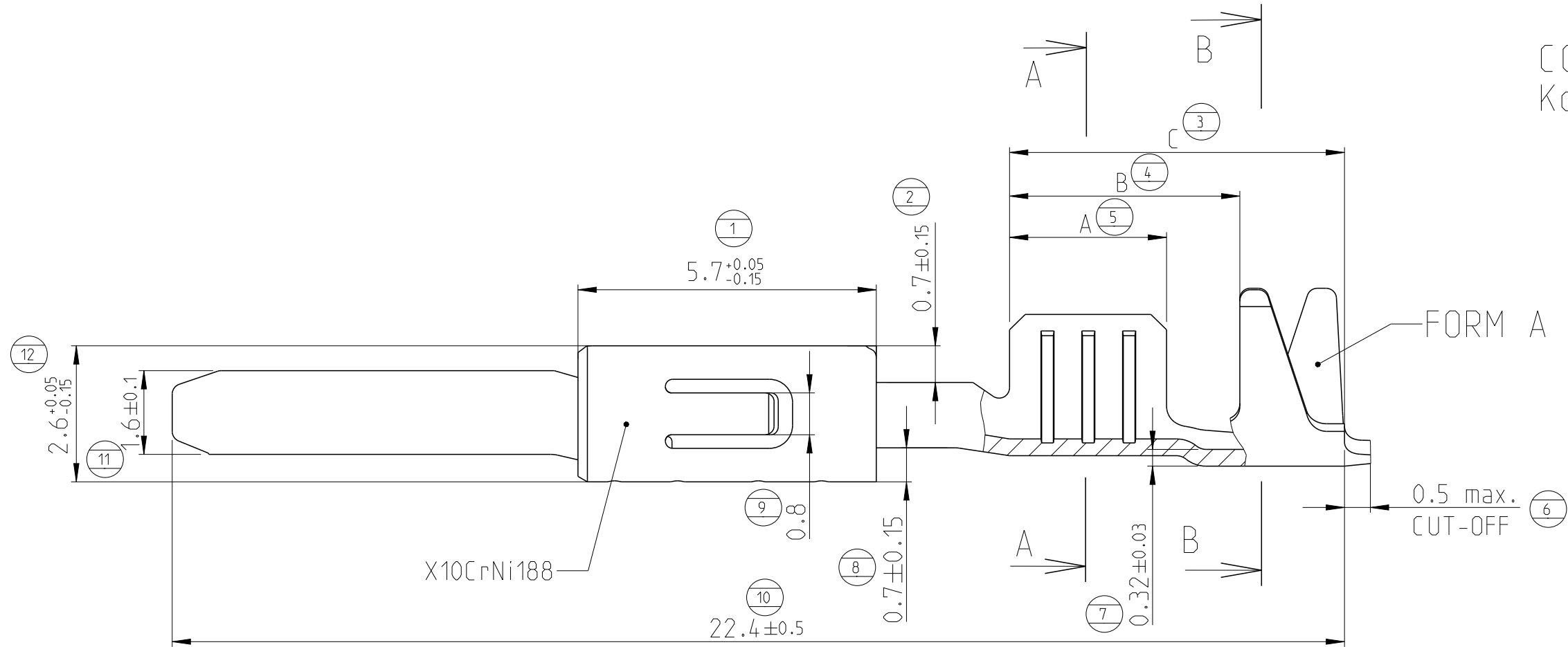
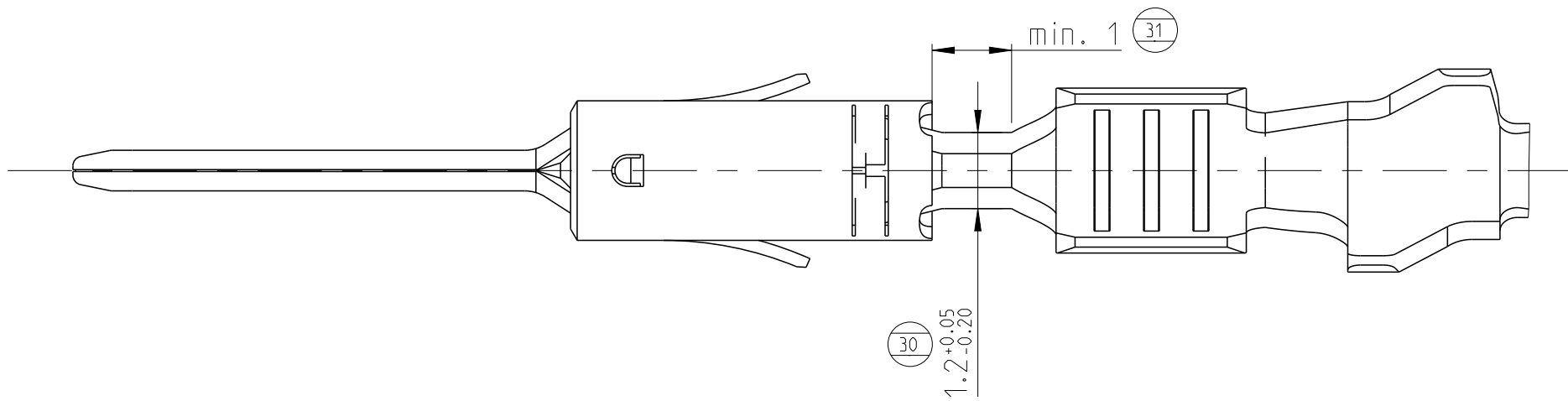
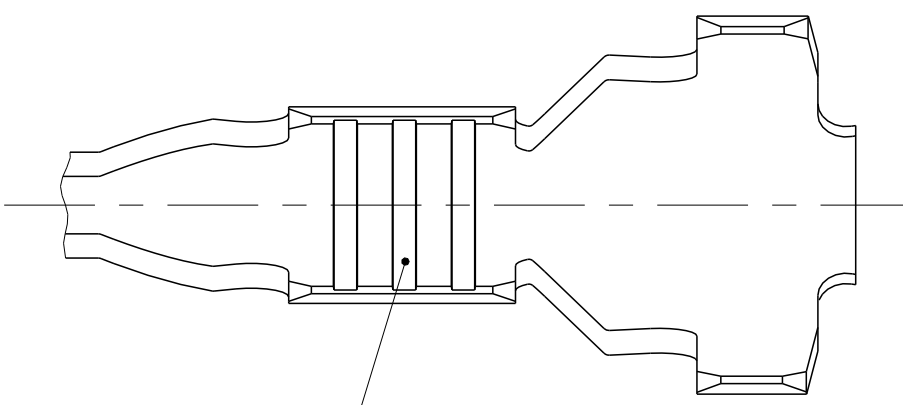
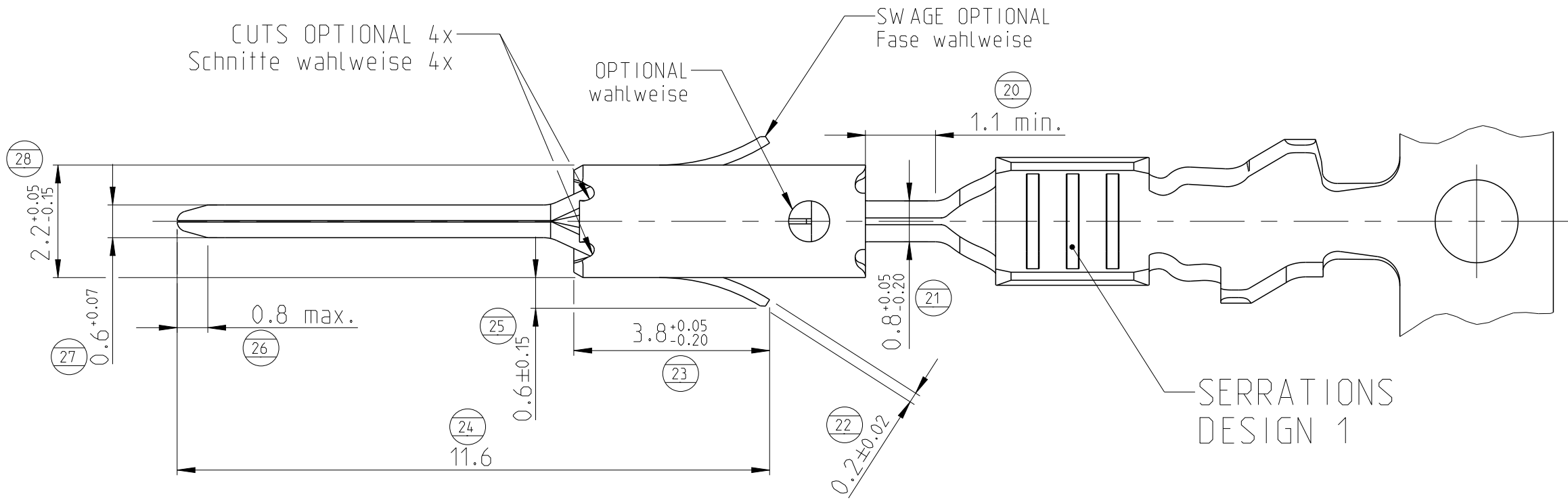
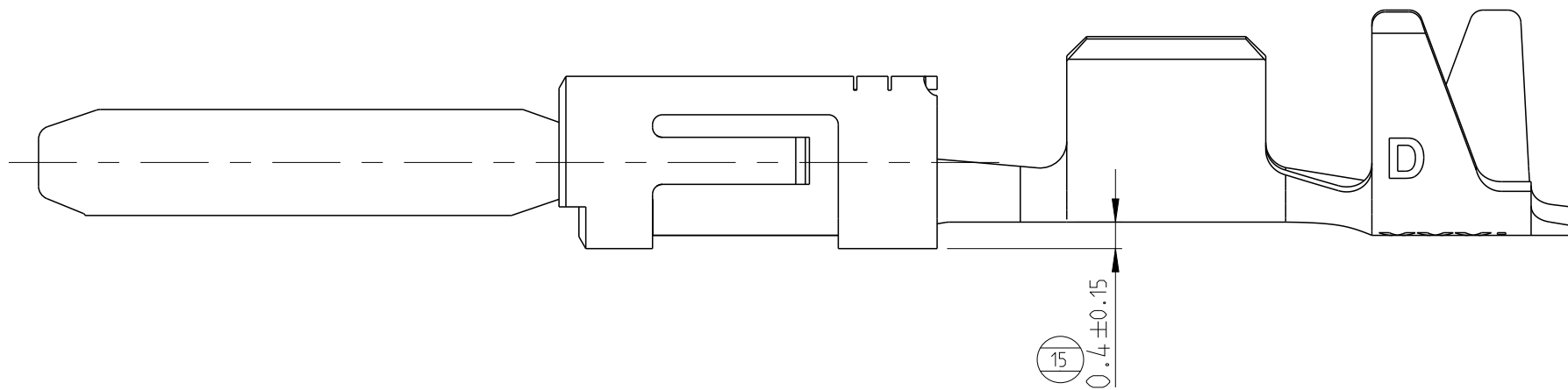


CONTACTS FOR FLR-CABLE  
Kontakte fuer FLR-Leitung

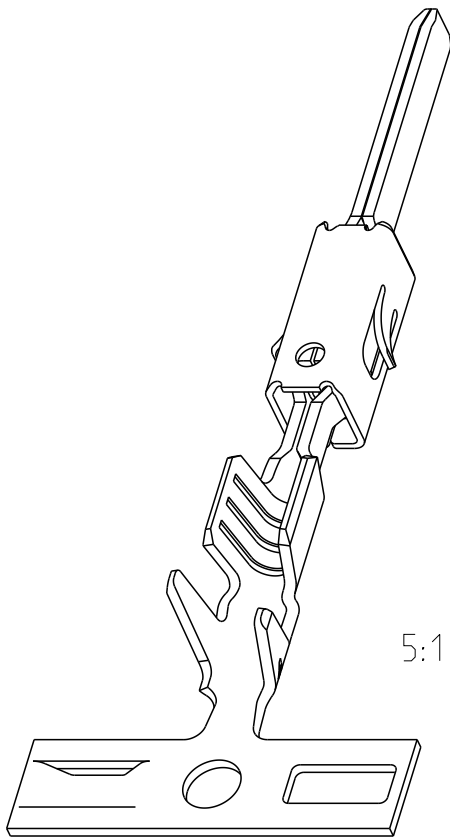
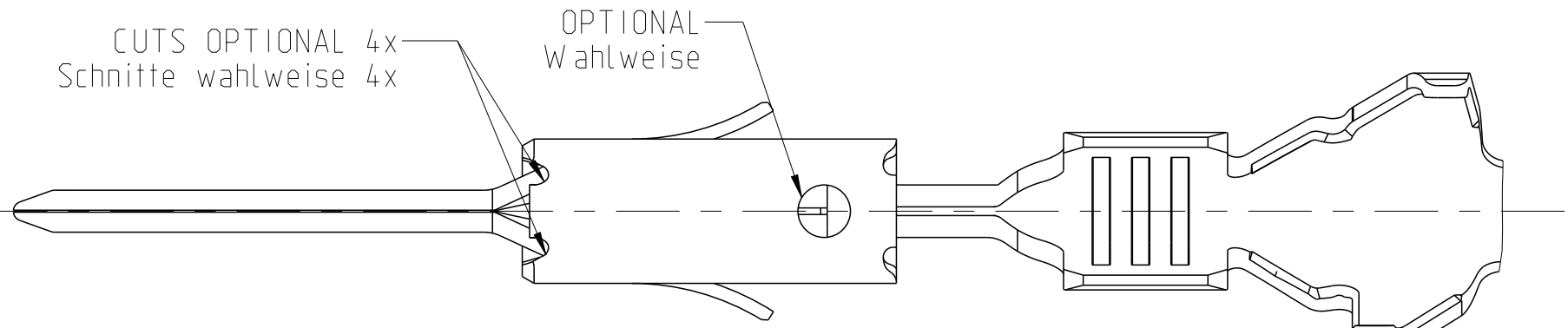
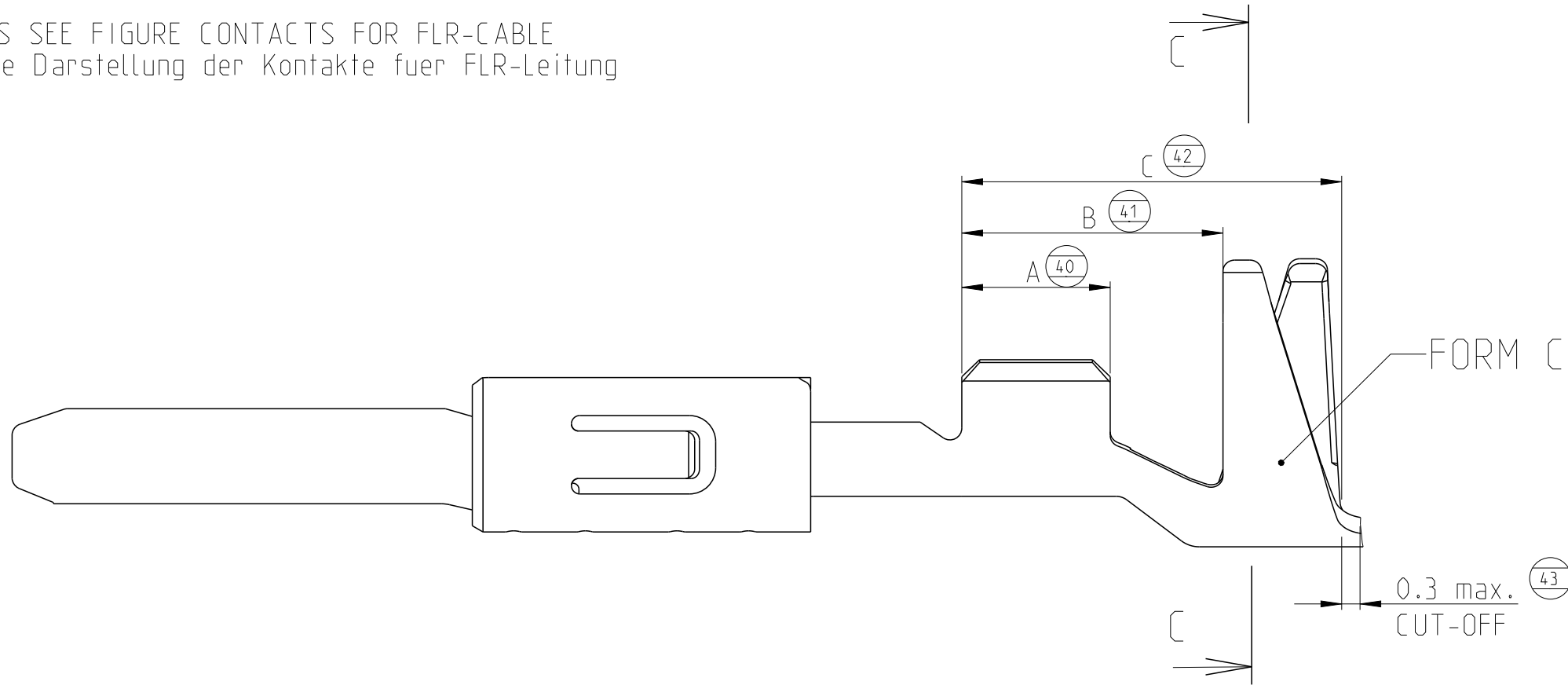


DESIGN 963898 / 963900 / 963904  
Ausfuehrung 963898 / 963900 / 963904

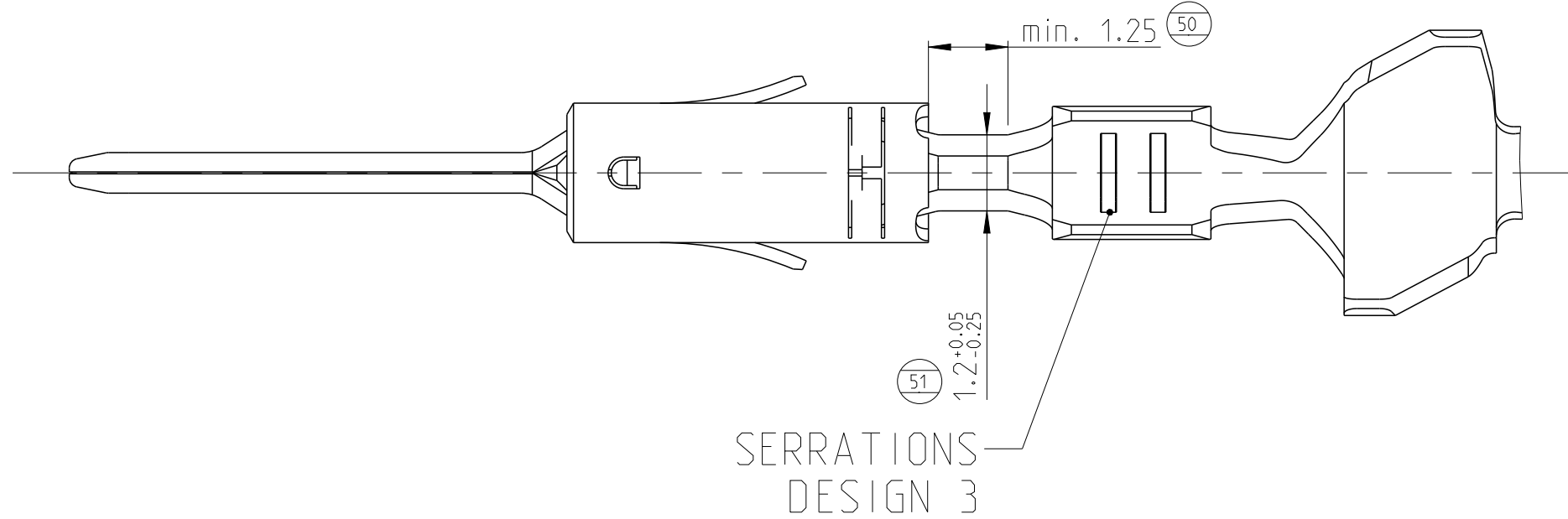
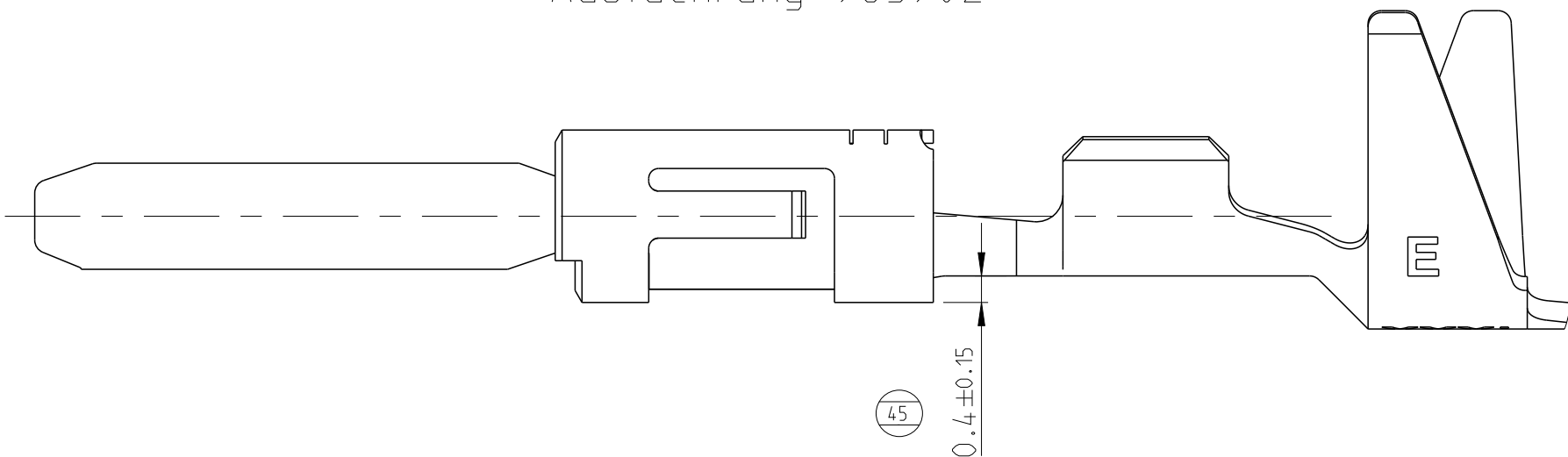


CONTACTS FOR SINGLE WIRE SEALING SYSTEM:  
FLR- AND FLK-CABLE  
Kontakte fuer Einzeldichtung-System:  
FLR- und FLK-Leitung

DIMENSIONS SEE FIGURE CONTACTS FOR FLR-CABLE  
Masse siehe Darstellung der Kontakte fuer FLR-Leitung

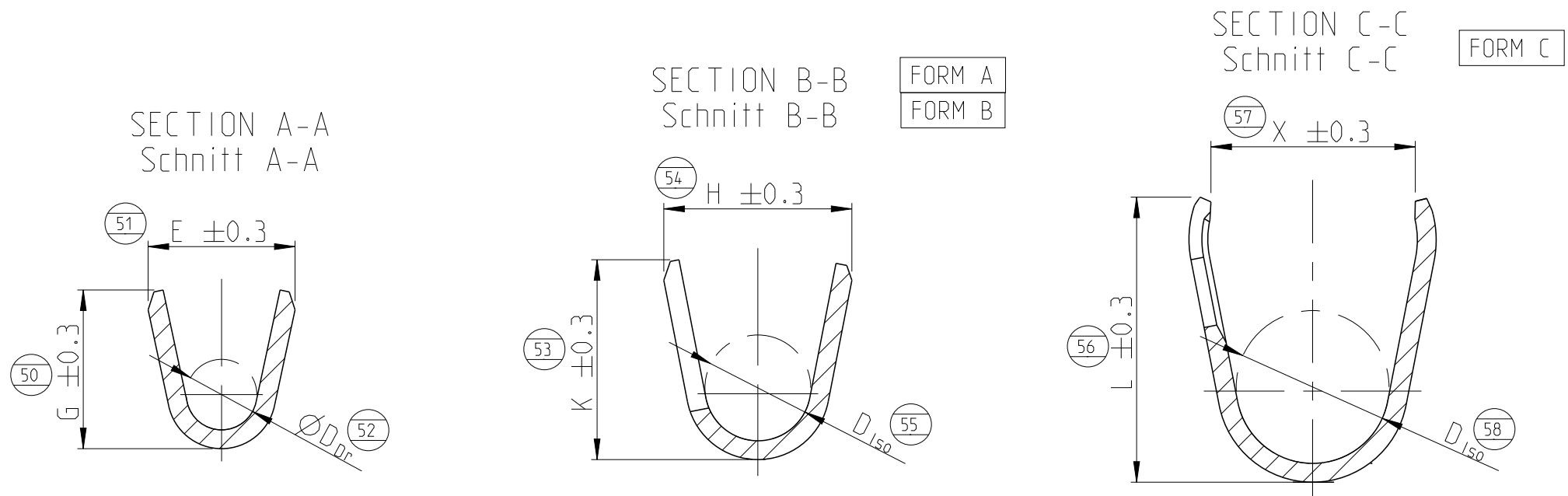


DESIGN 963902  
Ausfuehrung 963902



|                                                |                                                |                                 |                               |               |
|------------------------------------------------|------------------------------------------------|---------------------------------|-------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.         |                                                | DWN<br>T.Bersch<br>11JUN1997    |                               |               |
| DIMENSIONS:<br>mm                              |                                                | CHK<br>U.Muenk<br>11JUN1997     |                               |               |
|                                                | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>±0.2 | APVD<br>M.Bleicher<br>02MAR2011 | NAME<br>PRODUCT GROUP DRAWING |               |
|                                                |                                                | PRODUCT SPEC<br>108-18331       | TAB 1.6 x 0.6                 |               |
|                                                |                                                | APPLICATION SPEC<br>116-18082   | Flachstecker 1.6 x 0.6        |               |
| MATERIAL<br>SEE TABLE sheet 2<br>siehe Tabelle | FINISH<br>SEE TABLE sheet 2<br>siehe Tabelle   | WEIGHT<br>-                     | SIZE<br>A1                    | RESTRICTED TO |
| CUSTOMER DRAWING                               |                                                | SCALE<br>10:1                   | SHEET<br>1 OF 2               | REV<br>A21    |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



- 1

CONTACT AREA SELECTIVE GOLD 0.8µm MIN. OVER NICKEL.  
WIRE CRIMP AREA ELECTRO TIN PLATED 1µm MIN. OVER NICKEL  
Kontaktzone selectiv vergoldet 0.8µm min. ueber Ni  
Drahtcrimpbereich gal. verzinkt 1µm min. ueber Ni
- 2

FOR DOUBLE- AND SINGLE TERMINATION  
fuer Doppel- und Einzelanschlaege
- 3

SINGE WIRE SEAL TO BE SELECTED ACCORDING TO INSULATION-DIA  
ACCORDING TO APPLICATION SPECIFICATION 114-18082  
Auswahl der Eubzeldichtung entsprechend dem Isolationsdurchmesser nach  
Verarbeitungsspezifikation 114-18082
- 4

TIN PLATED  
vorverzinkt
- 5

CONTACT AREA SELECTIVE SILVER 3µm MIN. OVER NICKEL.  
WIRE CRIMP AREA ELECTRO TIN PLATED 1.5µm MIN. OVER NICKEL  
Kontaktzone selectiv versilbert 3µm min. ueber Ni  
Drahtcrimpbereich gal. verzinkt 1.5µm min. ueber Ni
- 6

DIFFERENT TOOL DETAILS  
FUNCTION AND HANDLING WITH ALL DETAILS CONTINUOUSLY  
SUPPLY AFTER AVAILABILITY  
Verschiedene Werkzeugausfuehrungen  
Funktion und Handhabung bei allen Ausfuehrungen gleich  
Lieferung nach Verfuegbarkeit

|                                             |     |                                                   |                       |                        |             |                           |             | SEE / siehe<br>SECTION A-A<br>Schnitt A-A | SEE / siehe<br>SECTION B-B / C-C<br>Schnitt B-B / C-C |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|---------------------------------------------|-----|---------------------------------------------------|-----------------------|------------------------|-------------|---------------------------|-------------|-------------------------------------------|-------------------------------------------------------|---------------------------------|----------------------------------------------|------------------------------|----------------------|-----------|---------------------------------------------|-----|----------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------|-----|-----|-----|---|----------|-----|-----|-----|---|
| SINGLE WIRE SEAL /<br>Einzeldichtungssystem | 3   | 1703278-5                                         | A                     | 1                      | CuSn4       | 5                         | 1.5         | 1.95 - 2.4                                | E = 2.8<br>G = 3.0<br>D <sub>Dr</sub> = 1.4           | C                               | L = 4.9<br>D <sub>ISO</sub> = 2.9            | 169400-0<br>539635-1         | -                    | 3.0       | 4.4                                         | 6.4 | 3.6                                          | 539960-1                                                       | SEE APPLICATION SPECIFICATION 114-18082<br>siehe Verarbeitungsspezifikation 114-18082 |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 1703278-2                                         | A                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2-964269-2                                        | A                     | 1                      | CuFe2       | 5                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964269-5                                          | A                     | 1                      | CuSn4       | 5                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964269-3                                          | E                     | 1                      | CuSn4       | 1                         | 0.5 - 1.0   | 1.4 - 2.1                                 | E = 2.5<br>G = 2.7<br>D <sub>Dr</sub> = 1.2           | C                               | L = 4.8<br>D <sub>ISO</sub> = 2.7            |                              | 539612-1<br>539663-2 | 3.0       | 4.4                                         | 6.4 | 3.3                                          |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964269-2                                          | D                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963904-3                                          | G                     | 1                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963904-2                                          | F                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963904-1                                          | F                     | 1                      | CuSn4       | 4                         | 0.5 - 1.0   | 1.4 - 2.1                                 | E = 2.6<br>G = 2.8<br>D <sub>Dr</sub> = 1.2           | A                               | H = 4.5<br>K = 4.8<br>D <sub>ISO</sub> = 2.7 |                              | 539651-2             | 3.0       | 4.6                                         | 7.0 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2141884-5                                         | A                     | 2                      | CuSn4       | 5                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2141884-3                                         | B                     | 2                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              | 539663-2             | 2.5       | 4.4                                         | 6.4 | 3.3                                          |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2-2141884-2                                       | A                     | 2                      | CuFe2       | 5                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2141884-2                                         | A                     | 2                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 969028-5                                          | A                     | 3                      | CuSn4       | 5                         | 0.2 - 0.5   | 1.15 - 1.6                                | E = 2.1<br>G = 2.1<br>D <sub>Dr</sub> = 0.8           | C                               | X = 4.3<br>L = 4.8<br>D <sub>ISO</sub> = 2.6 |                              | 539612-1<br>539663-2 | 2.5       | 4.4                                         | 6.4 | 3.3                                          |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 969028-3                                          | E                     | 3                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 969028-2                                          | D                     | 3                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963902-3                                          | E                     | 3                      | CuSn4       | 1                         | 0.2 - 0.5   | 1.15 - 1.6                                | E = 2.1<br>G = 2.1<br>D <sub>Dr</sub> = 0.8           | A                               | H = 4.5<br>K = 4.8<br>D <sub>ISO</sub> = 2.7 |                              | 539651-2             | 2.5       | 4.6                                         | 7.0 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963902-2                                          | D                     | 3                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963902-1                                          | D                     | 3                      | CuSn4       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
| UNSEALED /<br>ungedichtet                   | B   | 1241846-5                                         | A                     | 1                      | CuSn4       | 5                         | 1.5         | 2.2 - 2.4                                 | E = 2.8<br>G = 3.0<br>D <sub>Dr</sub> = 1.4           | A                               | H = 3.5<br>K = 3.9<br>D <sub>ISO</sub> = 1.9 |                              | -                    | 3.0       | 4.4                                         | 6.4 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 1241846-3                                         | B                     | 1                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 1241846-2                                         | A                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 1241846-1                                         | A                     | 1                      | CuSn4       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 969079-3                                          | C                     | 1                      | CuSn4       | 1                         | 0.5 - 1.0   | 1.4 - 2.1                                 | E = 2.5<br>G = 2.8<br>D <sub>Dr</sub> = 1.2           | B                               | H = 3.7<br>K = 3.9<br>D <sub>ISO</sub> = 1.8 |                              | -                    | 3.0       | 4.6                                         | 6.2 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 969079-2                                          | B                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964267-4                                          | A                     | 1                      | CuSn4       | 5                         |             |                                           |                                                       |                                 |                                              |                              | 0.5 - 1.0            | 1.4 - 2.1 | E = 2.5<br>G = 2.7<br>D <sub>Dr</sub> = 1.2 | A   | H = 3.2<br>K = 3.4<br>D <sub>ISO</sub> = 1.8 |                                                                |                                                                                       | 539612-1<br>539663-2 | 3.0 | 4.4 | 6.4 | - |          |     |     |     |   |
|                                             |     | 964267-3                                          | D                     | 1                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964267-2                                          | C                     | 1                      | CuFe2       | 4                         | 0.5 - 1.0   | 1.4 - 2.1                                 | E = 2.6<br>G = 2.8<br>D <sub>Dr</sub> = 1.2           | A                               | H = 3.2<br>K = 3.4<br>D <sub>ISO</sub> = 1.8 |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   | 539651-2 | 3.0 | 4.6 | 7.0 | - |
|                                             |     | 964267-1                                          | C                     | 1                      | CuSn4       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963900-4                                          | E                     | 1                      | CuSn4       | 1                         | 0.5 - 1.0   | 1.4 - 2.1                                 | E = 2.6<br>G = 2.8<br>D <sub>Dr</sub> = 1.2           | A                               | H = 3.2<br>K = 3.4<br>D <sub>ISO</sub> = 1.8 |                              | 539651-2             | 3.0       | 4.6                                         | 7.0 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963900-3                                          | E                     | 1                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963900-2                                          | D                     | 1                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963900-1                                          | D                     | 1                      | CuSn4       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963898-3                                          | E                     | 3                      | CuSn4       | 1                         | 0.2 - 0.5   | 1.15 - 1.6                                | E = 2.1<br>G = 2.1<br>D <sub>Dr</sub> = 0.8           | A                               | H = 2.9<br>K = 2.9<br>D <sub>ISO</sub> = 1.4 |                              | 539651-2             | 2.5       | 4.6                                         | 7.0 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963898-2                                          | D                     | 3                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 963898-1                                          | D                     | 3                      | CuSn4       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
| A                                           |     | 2141882-3                                         | B                     | 2                      | CuSn4       | 1                         | 0.22 - 0.35 | 1.15 - 1.6                                | E = 2.4<br>G = 2.3<br>D <sub>Dr</sub> = 1.0           | A                               | H = 2.9<br>K = 2.9<br>D <sub>ISO</sub> = 1.4 |                              | 539633-2             | 2.5       | 4.4                                         | 6.4 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 2141882-2                                         | A                     | 2                      | CuFe2       | 4                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964265-5                                          | A                     | 3                      | CuSn4       | 5                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964265-3                                          | D                     | 3                      | CuSn4       | 1                         |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     | 964265-2                                          | C                     | 3                      | CuFe2       | 4                         | 0.2 - 0.35  | 1.15 - 1.6                                | E = 2.1<br>G = 2.1<br>D <sub>Dr</sub> = 0.8           | A                               | H = 2.9<br>K = 2.9<br>D <sub>ISO</sub> = 1.4 |                              | 539612-1<br>539663-2 | 2.5       | 4.4                                         | 6.4 | -                                            |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     |                                                   |                       |                        |             |                           |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     |                                                   |                       |                        |             |                           |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
|                                             |     |                                                   |                       |                        |             |                           |             |                                           |                                                       |                                 |                                              |                              |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |
| TE<br>ORDER-NO.                             | REV | DESIGN<br>SERRATIONS<br>Ausfuehrung<br>Serrations | MATERIAL<br>Werkstoff | SURFACE<br>Oberflaeche | DGB<br>mm ² | INSULATION<br>IsolationsØ | Ø           | STRIP FORM<br>WIRE CRIMP<br>Drahtcrimp    |                                                       | INSUL. CRIMP<br>Isolationscrimp | Bandware                                     | HAND TOOL<br>Handzange       | INSERT<br>Matrize    | A         | B                                           | C   | X                                            | TE<br>ORDER-NO.<br>EXTRACTION<br>TOOL<br>Ausdruck-<br>werkzeug | CRIMP DATA<br>AND<br>CRIMP TOOL<br>Crimpdaten<br>und Crimp-<br>werkzeuge              |                      |     |     |     |   |          |     |     |     |   |
|                                             |     |                                                   |                       |                        |             |                           |             | CRIMP DIMENSION mm<br>Crimpabmessungen mm |                                                       |                                 |                                              | DIMENSION mm<br>Abmessung mm |                      |           |                                             |     |                                              |                                                                |                                                                                       |                      |     |     |     |   |          |     |     |     |   |

|                                                |                                              |                                 |                                                                               |                    |
|------------------------------------------------|----------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.         |                                              | DWN<br>T.Bersch<br>11JUN1997    | TE Connectivity                                                               |                    |
| DIMENSIONS:<br>mm                              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:    | CHK<br>U.Muenk<br>11JUN1997     |                                                                               |                    |
|                                                |                                              | APVD<br>M.Bleicher<br>02MAR2011 | NAME                                                                          |                    |
|                                                |                                              | PRODUCT SPEC<br>108-18331       | PRODUCT GROUP DRAWING<br>TAB 1.6 x 0.6 TYPE A<br>Flachstecker 1.6 x 0.6 Typ A |                    |
| MATERIAL<br>SEE TABLE sheet 2<br>siehe Tabelle | FINISH<br>SEE TABLE sheet 2<br>siehe Tabelle | WEIGHT<br>-                     | SIZE<br>A 1                                                                   | CAGE CODE<br>00779 |
| CUSTOMER DRAWING                               |                                              | DRAWING NO<br>©=1355055         | RESTRICTED TO                                                                 | REV<br>A 21        |
| SCALE<br>10:1                                  |                                              | SHEET<br>2                      | OF<br>2                                                                       | REL<br>A 21        |

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