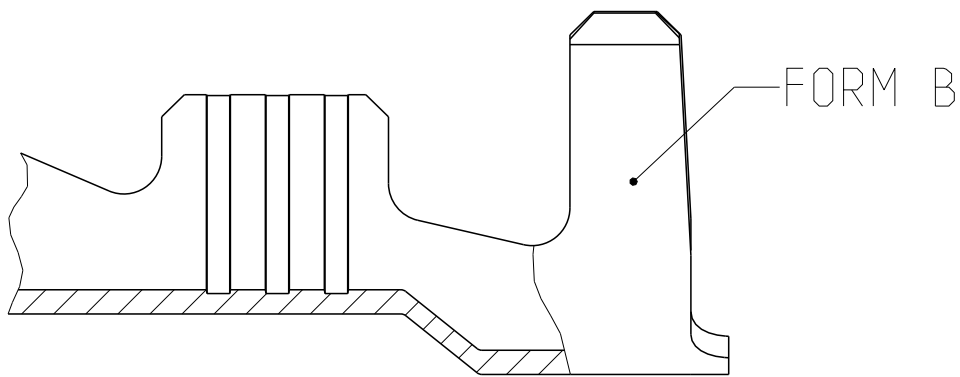
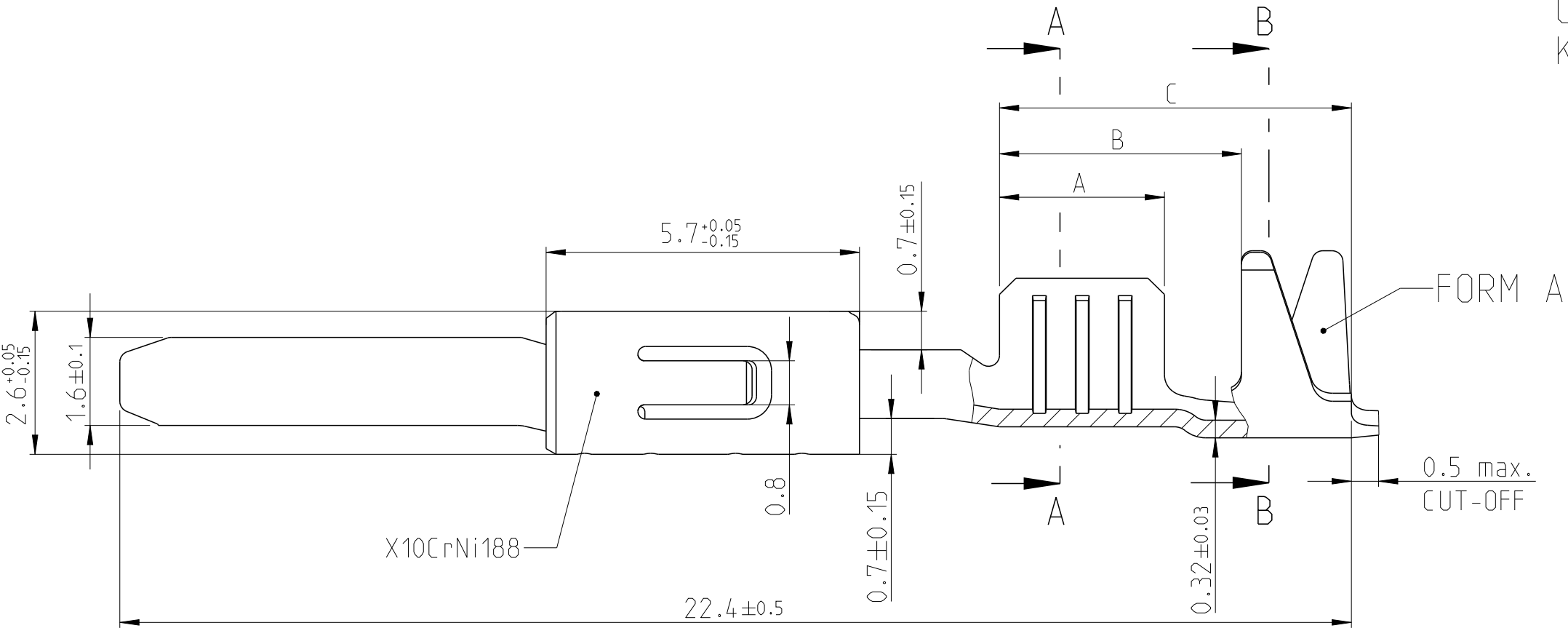
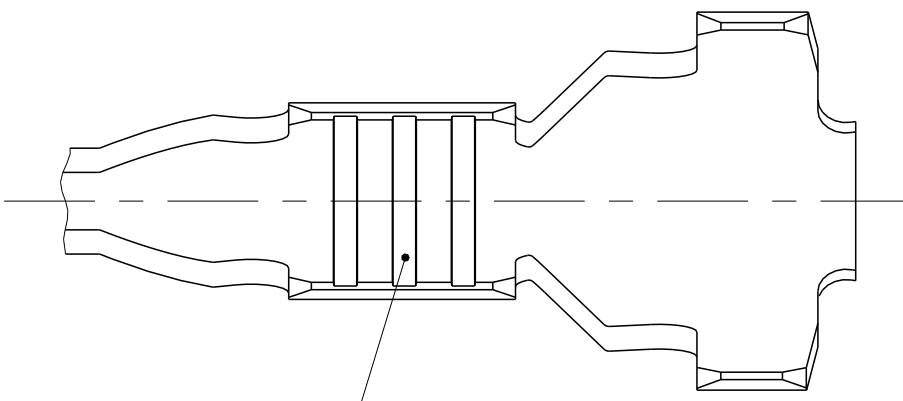
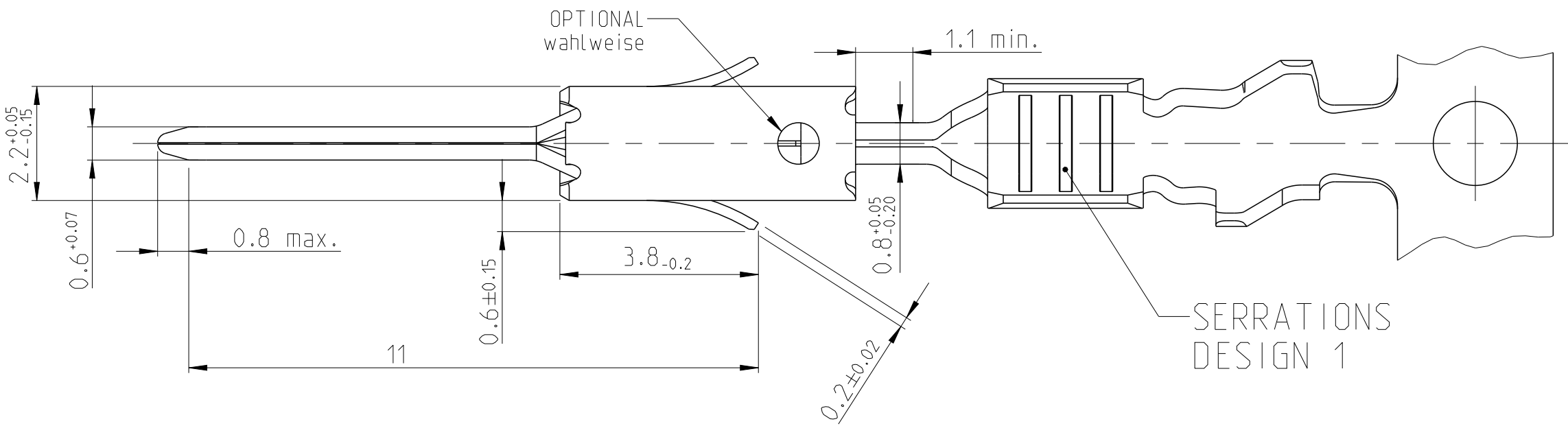
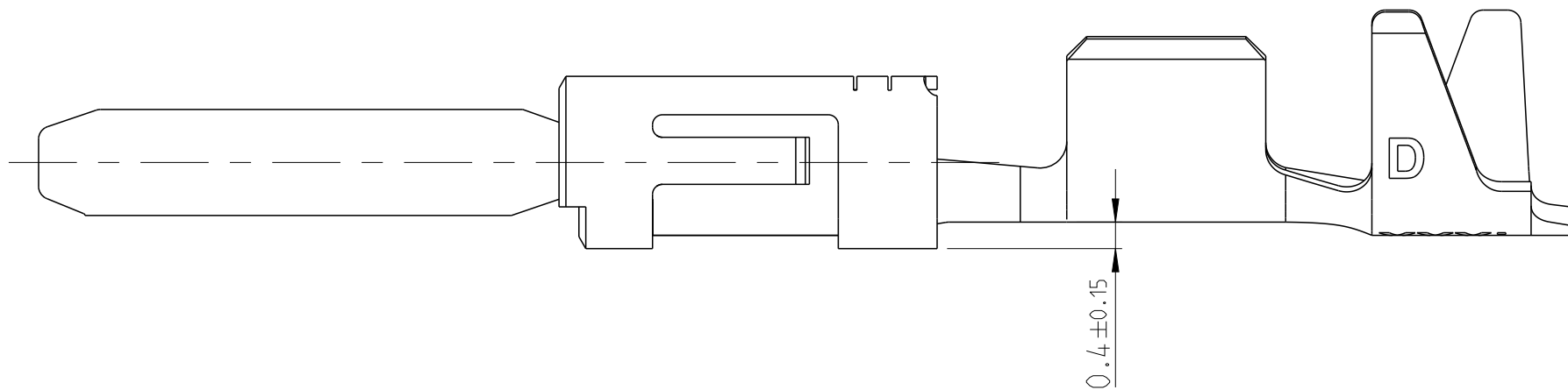


| LOC | DIST | REVISIONS |     |                                                 |           |     |       |
|-----|------|-----------|-----|-------------------------------------------------|-----------|-----|-------|
|     |      | P         | LTR | DESCRIPTION                                     | DATE      | DWN | APVD  |
| GT  | -    | A12       |     | Dash-variant 964267-4 added. ECR-11-020720      | 11OCT2011 | Abn | Schus |
|     |      | A13       |     | Clarification and data completion ECR-12-019304 | 14FEB2012 | LF  | VC    |
|     |      | A14       |     | Correct serrations in table ECR-13-008662       | 04JUN2013 | LF  | VC    |
|     |      | A15       |     | Gold variants - product improvement             | 07JAN2014 | LF  | VC    |

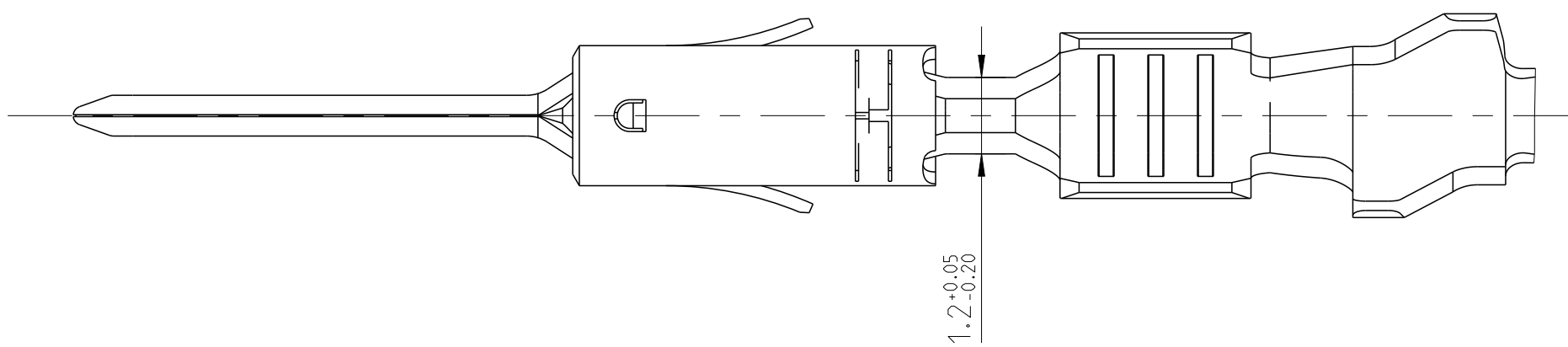
CONTACTS FOR FLR-CABLE  
Kontakte fuer FLR-Leitung



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

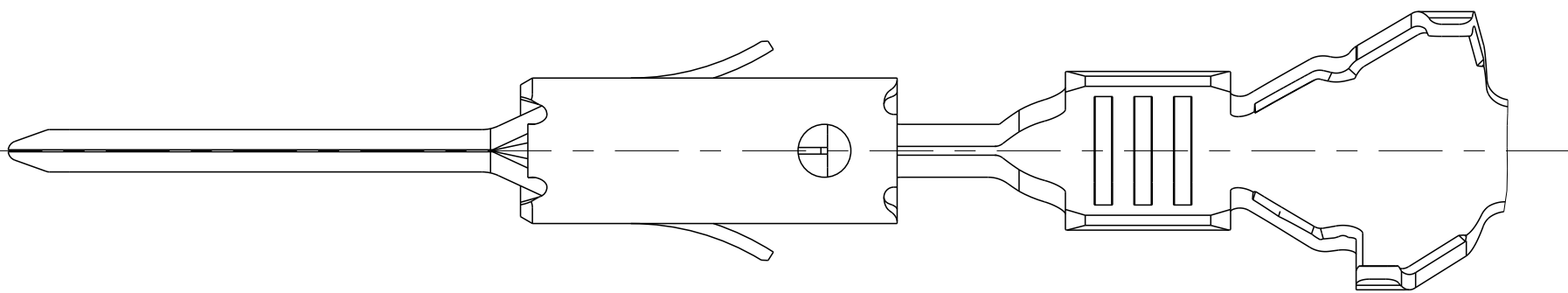
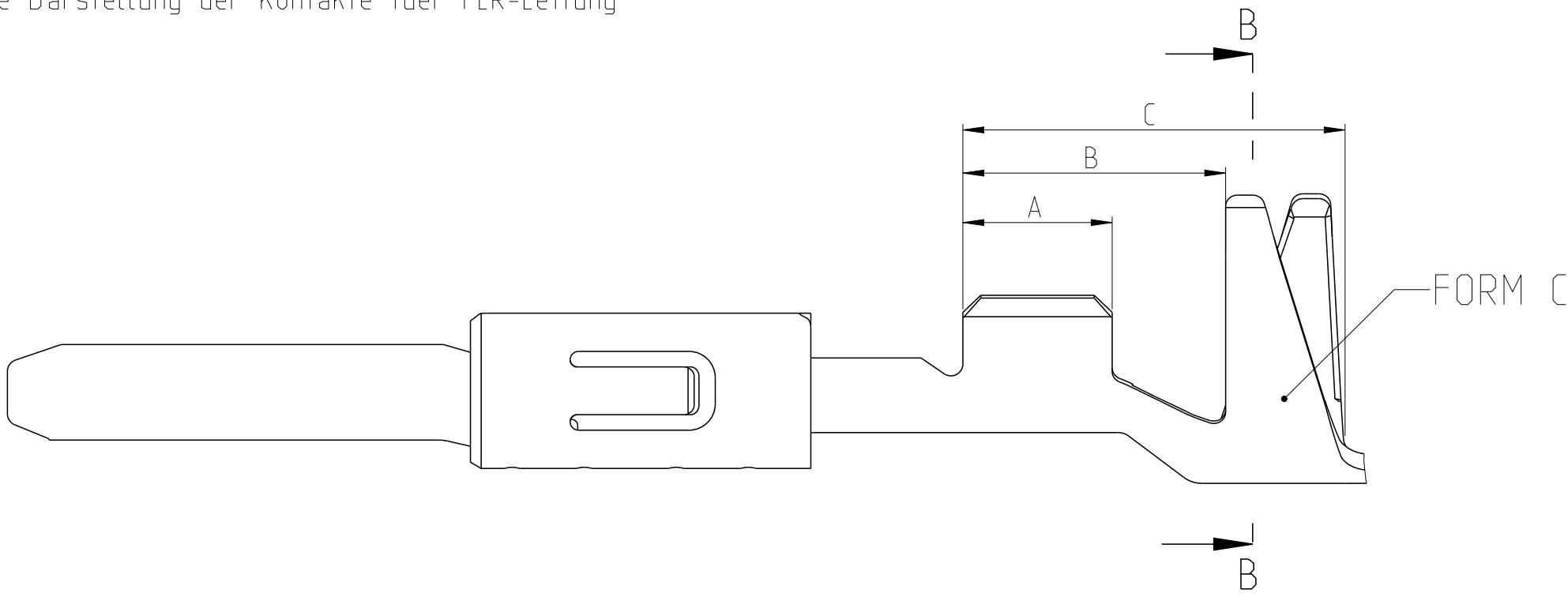


SERRATIONS  
DESIGN 2

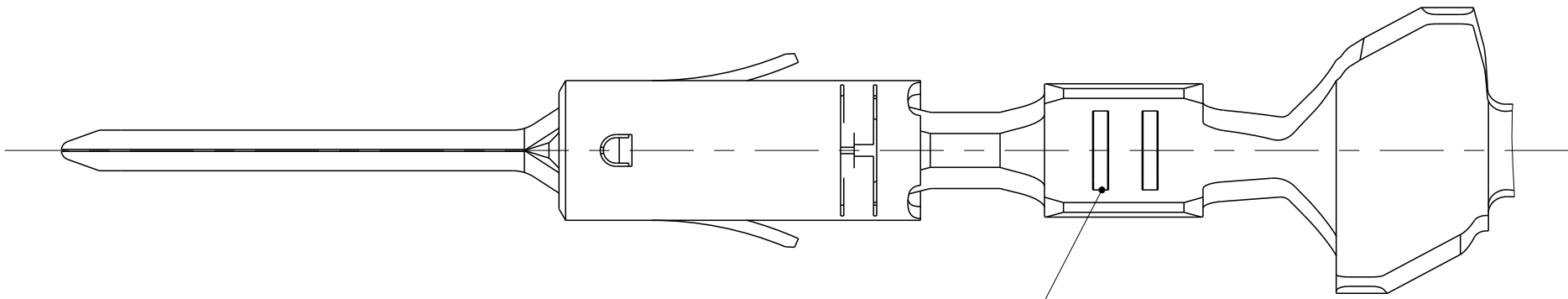
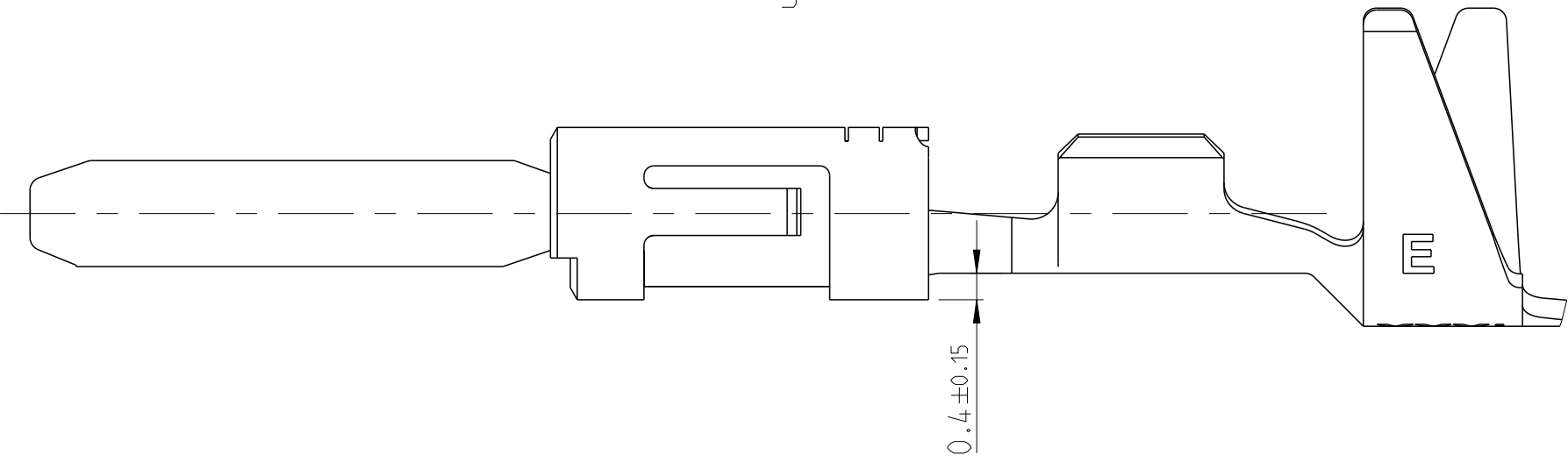


CONTACTS FOR SINGLE WIRE SEALING SYSTEM:  
FLR- AND FLK-CABLE  
Kontakte fuer Einzeldichtung-System:  
FLR- und FLK-Leitung

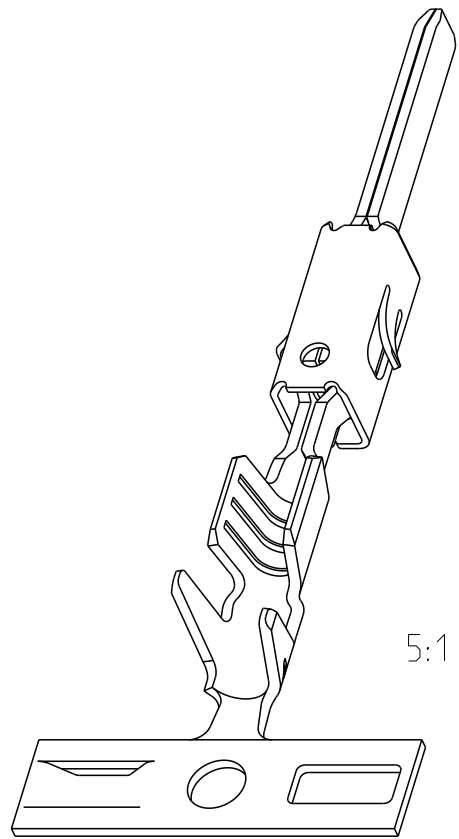
DIMENSIONS SEE FIGURE CONTACTS FOR FLR-CABLE  
Masse siehe Darstellung der Kontakte fuer FLR-Leitung



DESIGN 963902  
Ausfuehrung 963902



SERRATIONS  
DESIGN 3



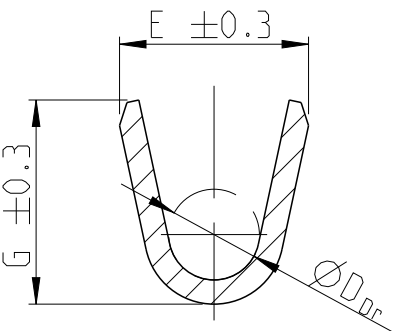
|                                                |  |                                                         |                                     |                                                                               |  |
|------------------------------------------------|--|---------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.         |  | DWN<br>T.Bersch<br>CHK<br>U.Muenk<br>APVD<br>M.Bleicher | 11JUN1997<br>11JUN1997<br>02MAR2011 | NAME                                                                          |  |
| DIMENSIONS:<br>mm                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:               |                                     | PRODUCT GROUP DRAWING<br>TAB 1.6 x 0.6 TYPE A<br>Flachstecker 1.6 x 0.6 Typ A |  |
|                                                |  | $\pm 0.2$                                               |                                     | SIZE                                                                          |  |
| MATERIAL<br>SEE TABLE sheet 2<br>siehe Tabelle |  | FINISH<br>SEE TABLE sheet 2<br>siehe Tabelle            |                                     | CAGE CODE<br>DRAWING NO<br>108-18331<br>116-18082<br>C=1355055                |  |
| Customer Drawing                               |  | WEIGHT<br>-                                             |                                     | RESTRICTED TO<br>-                                                            |  |
| SCALE<br>10:1                                  |  | SHEET<br>1 OF 2                                         |                                     | REV<br>A15                                                                    |  |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GT  | -    | -         |     | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |

STRIP FORM  
Bandware

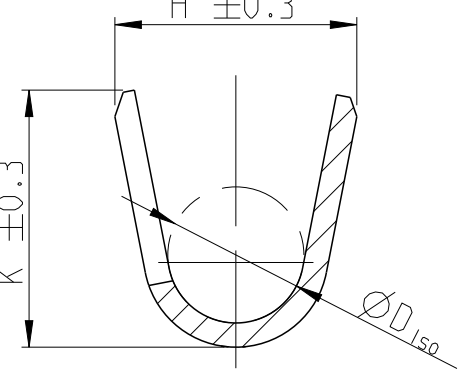
LOOSE PIECE  
Einzelausfuehrung

SECTION A-A  
Schnitt A-A



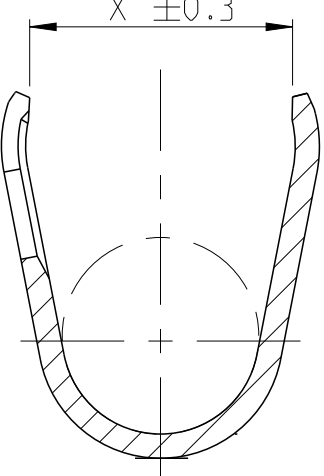
SECTION B-B  
Schnitt B-B

A

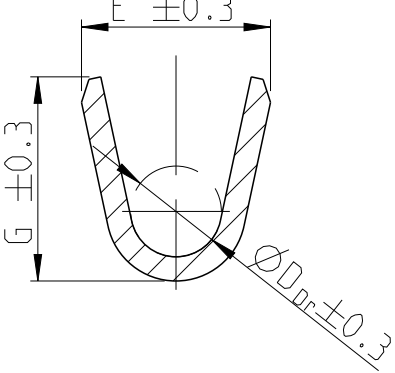


SECTION B-B  
Schnitt B-B

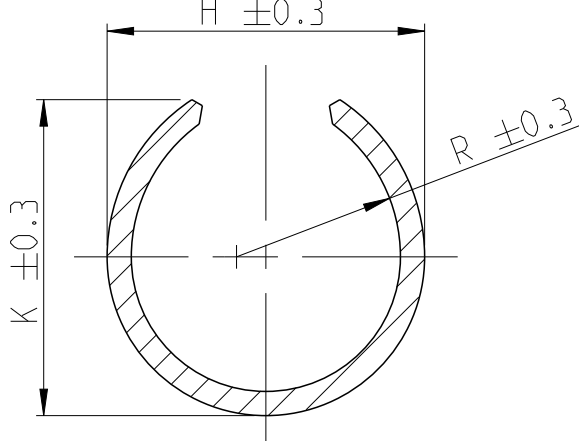
C



SECTION A-A  
Schnitt A-A



SECTION B-B  
Schnitt B-B



- 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

ACCORDING INSULATION-Ø IS TO CHOOSE THE SINGLE WIRE SEAL  
Entsprechend dem Isolationsdurchmesser ist die Einzel-Dichtung auszuwaehlen
- 4

TIN PLATED  
vorverzinnt
- 5

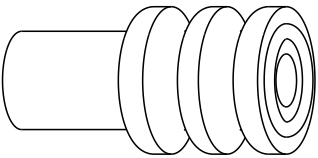
CONTACT AREA SELECTIVE SILVER 3µm MIN. OVER NICKEL.  
WIRE CRIMP AREA ELECTRO TIN PLATED 1.5µm MIN. OVER NICKEL  
Kontaktzone selectiv versilbert 3µm min. ueber Ni  
Drahtcrimpbereich gal. verzinkt 1.5µm min. ueber Ni
- 6

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<br>Schnitt B-B | SEE / siehe<br>SECTION A-A<br>Schnitt A-A   | SEE / siehe<br>SECTION B-B<br>Schnitt B-B      |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|---|---------------------------------------------|-------|-----------|-------|-----------|---|-------------------------------------------|-------------------------------------------|---------------------------------------------|------------------------------------------------|---------------------------------------------|------------------------------------------------|----------------------------------------------|-----------------------------------------------|----------------------|----------------------|-----|-----|-----|-----|
| A | SINGLE WIRE SEAL /<br>Einzeldichtungssystem |       | 1703278-5 | A     | 1703279-5 | 1 | CuSn4                                     | 5                                         | 1.5                                         | 2.2 - 2.4                                      | E = 2.8<br>G = 3.0<br>D <sub>Dr</sub> = 1.4 | C H = 4.6<br>K = 4.9<br>D <sub>ISO</sub> = 2.9 | -                                            | -                                             | -                    | -                    | 3.0 | 4.4 | 6.4 | 3.6 |
|   |                                             |       | 1703278-2 | A     | 1703279-2 | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964269-5  | A     | 964270-5  | 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 | C H = 4.3<br>K = 4.8<br>D <sub>ISO</sub> = 2.7 | E = 2.2<br>G = 2.8<br>D <sub>Dr</sub> = 1.2  | H = 3.8<br>K = 4.5<br>R <sub>ISO</sub> = 2.3  | 169400-0<br>539635-1 | 539612-1<br>539663-2 | 3.0 | 4.4 | 6.4 | 3.3 |
|   |                                             |       | 964269-3  | E (m) | 964270-3  | 1 | CuSn4                                     | 1                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964269-2  | D     | 964270-2  | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963904-3  | G (m) | 963905-3  | 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 = 4.5<br>K = 4.8<br>D <sub>ISO</sub> = 2.7 | E = 2.2<br>G = 2.9<br>D <sub>Dr</sub> = 1.2  | H = 3.6<br>K = 4.3<br>R <sub>ISO</sub> = 1.7  |                      |                      | 3.0 | 4.6 | 7.0 | -   |
|   |                                             |       | 963904-2  | F     | 963905-2  | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963904-1  | F     | 963905-1  | 1 | CuSn4                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 2141884-5 | A     | -         | 2 | CuSn4                                     | 5                                         | 0.35                                        | 1.2 - 1.6                                      | E = 2.4<br>G = 2.3<br>D <sub>Dr</sub> = 1.0 | C H = 4.3<br>K = 4.8<br>D <sub>ISO</sub> = 2.6 | -                                            | -                                             | -                    | -                    | 2.5 | 4.4 | 6.4 | 3.3 |
|   |                                             |       | 2141884-3 | B (m) | -         | 2 | CuSn4                                     | 1                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 2141884-2 | A     | -         | 2 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 969028-5  | A     | 969029-5  | 3 | CuSn4                                     | 5                                         | 0.2 - 0.5                                   | 1.2 - 1.6                                      | E = 2.1<br>G = 2.1<br>D <sub>Dr</sub> = 0.8 | C H = 4.3<br>K = 4.8<br>D <sub>ISO</sub> = 2.6 | E = 1.7<br>G = 2.15<br>D <sub>Dr</sub> = 0.8 | H = 3.6<br>K = 4.4<br>R <sub>ISO</sub> = 2.1  | 169400-0<br>539635-1 | 539612-1<br>539663-2 | 2.5 | 4.4 | 6.4 | 3.3 |
|   |                                             |       | 969028-3  | D (m) | 969029-3  | 3 | CuSn4                                     | 1                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   | 969028-2                                    | E     | 969029-2  | 3     | CuFe2     | 4 | 0.2 - 0.5                                 | 1.2 - 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 | E = 1.7<br>G = 2.1<br>D <sub>Dr</sub> = 0.8 | H = 3.6<br>K = 4.3<br>R <sub>ISO</sub> = 1.7   |                                              |                                               | 2.5                  | 4.6                  | 7.0 | -   |     |     |
|   | 963902-3                                    | E (m) | 963903-3  | 3     | CuSn4     | 1 |                                           |                                           |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   | 963902-2                                    | D     | 963903-2  | 3     | CuFe2     | 4 |                                           |                                           |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   | 963902-1                                    | D     | 963903-1  | 3     | CuSn4     | 4 |                                           |                                           |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
| B | UNSEALED /<br>ungedichtet                   |       | 1241846-3 | A     | 1241847-3 | 1 | CuSn4                                     | 1                                         | 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 | E = 2.2<br>G = 3.0<br>D <sub>Dr</sub> = 1.4  | H = 2.8<br>K = 3.9<br>R <sub>ISO</sub> = 1.6  | -                    | -                    | 3.0 | 4.4 | 6.4 | -   |
|   |                                             |       | 1241846-2 | A     | 1241847-2 | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 1241846-1 | A     | 1241847-1 | 1 | CuSn4                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 969079-3  | B     | 969080-3  | 1 | CuSn4                                     | 4                                         | 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 | E = 2.2<br>G = 2.8<br>D <sub>Dr</sub> = 1.2  | H = 2.8<br>K = 3.9<br>R <sub>ISO</sub> = 1.6  | -                    | -                    | 3.0 | 4.6 | 6.2 | -   |
|   |                                             |       | 969079-2  | B     | 969080-2  | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964267-4  | A     | 964268-4  | 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 | E = 2.2<br>G = 2.8<br>D <sub>Dr</sub> = 1.2  | H = 2.8<br>K = 3.0<br>R <sub>ISO</sub> = 1.6  | 169400-0<br>539635-1 | 539612-1<br>539663-2 | 3.0 | 4.4 | 6.4 | -   |
|   |                                             |       | 964267-3  | D (m) | 964268-3  | 1 | CuSn4                                     | 1                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964267-2  | C     | 964268-2  | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964267-1  | C     | 964268-1  | 1 | CuSn4                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963900-4  | E (m) | 963901-4  | 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 | E = 2.2<br>G = 2.9<br>D <sub>Dr</sub> = 1.2  | H = 2.8<br>K = 3.0<br>R <sub>ISO</sub> = 1.6  |                      |                      | 3.0 | 4.6 | 7.0 | -   |
|   |                                             |       | 963900-3  | E (m) | 963901-3  | 1 | CuSn4                                     | 1                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963900-2  | D     | 963901-2  | 1 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963900-1  | D     | 963901-1  | 1 | CuSn4                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963898-3  | D     | 963899-3  | 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 | E = 1.7<br>G = 2.1<br>D <sub>Dr</sub> = 0.8  | H = 2.5<br>K = 2.55<br>R <sub>ISO</sub> = 1.4 |                      |                      | 2.5 | 4.6 | 7.0 | -   |
|   |                                             |       | 963898-2  | D     | 963899-2  | 3 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 963898-1  | D     | 963899-1  | 3 | CuSn4                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 2141882-3 | B (m) | -         | 2 | CuSn4                                     | 1                                         | 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 | -                                            | -                                             |                      |                      | 2.5 | 4.4 | 6.4 | -   |
|   |                                             |       | 2141882-2 | A     | -         | 2 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |
|   |                                             |       | 964265-3  | D (m) | 964266-3  | 3 | CuSn4                                     | 1                                         | 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 | E = 1.7<br>G = 2.1<br>D <sub>Dr</sub> = 0.8  | H = 2.5<br>K = 2.55<br>R <sub>ISO</sub> = 1.4 | 169400-0<br>539635-1 | 539612-1<br>539663-2 | 2.5 | 4.4 | 6.4 | -   |
|   |                                             |       | 964265-2  | C     | 964266-2  | 3 | CuFe2                                     | 4                                         |                                             |                                                |                                             |                                                |                                              |                                               |                      |                      |     |     |     |     |

726534-1  
539960-1

SEE APPLICATION SPECIFICATION  
siehe Verarbeitungsspezifikation



| SINGLE WIRE SEAL<br>Einzel-Dichtung |                              |                  | 3 |
|-------------------------------------|------------------------------|------------------|---|
| 2112323-1                           | 2.2 - 2.4                    | ORANGE<br>orange |   |
| 964972-1                            | 1.9 - 2.1                    | YELLOW<br>gelb   |   |
| 963530-1                            | 1.4 - 1.9                    | GREY<br>grau     |   |
| 964971-1                            | 1.2 - 1.6                    | RED<br>rot       |   |
| ORDER-NO.<br>BestellNr.             | INSULATION-Ø<br>Isolations-Ø | COLOUR<br>Farbe  |   |

|                                                                                       |                                                       |                               |           |                                                                                                       |                                                                               |            |               |           |     |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------|-----------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------|---------------|-----------|-----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                       | DWN<br>T.Bersch               | 11JUN1997 |  TE Connectivity |                                                                               |            |               |           |     |
| DIMENSIONS:<br>mm                                                                     |                                                       | CHK<br>U.Muenk                | 11JUN1997 |                                                                                                       |                                                                               |            |               |           |     |
|  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>±0.2 | APVD<br>M.Bleicher            | 02MAR2011 | NAME                                                                                                  | PRODUCT GROUP DRAWING<br>TAB 1.6 x 0.6 TYPE A<br>Flachstecker 1.6 x 0.6 Typ A |            |               |           |     |
|                                                                                       |                                                       | PRODUCT SPEC<br>108-18331     |           |                                                                                                       |                                                                               |            |               |           |     |
| MATERIAL<br>SEE TABLE<br>siehe Tabelle                                                | FINISH<br>SEE TABLE<br>siehe Tabelle                  | APPLICATION SPEC<br>116-18082 |           | SIZE                                                                                                  | CAGE CODE                                                                     |            |               |           |     |
|                                                                                       |                                                       | WEIGHT<br>-                   |           |                                                                                                       |                                                                               | DRAWING NO | RESTRICTED TO |           |     |
|                                                                                       |                                                       | Customer Drawing              |           | A 1                                                                                                   | 00779                                                                         |            |               | C=1355055 | -   |
|                                                                                       |                                                       |                               |           | SCALE                                                                                                 | 10:1                                                                          | SHEET      | 2 OF 2        | REV.      | A15 |