

| REVISIONS |     |                                                 |           |      |      |  |
|-----------|-----|-------------------------------------------------|-----------|------|------|--|
| P         | LTR | DESCRIPTION                                     | DATE      | DWN  | APVD |  |
| M9        |     | REVISED PER ECO-11-005150                       | 16APR2011 | RK   | HMR  |  |
| M10       |     | Swage in insulation area section C - corrected. | 01JUN2011 | Kirs | Merz |  |
| M11       |     | 929990-4 SUPERSEDED BY 929990-1                 | 17JUN2016 | JJH  | McC  |  |
| M12       |     | DIAMETER SYMBOLS ADDED                          | 22APR2022 | JS   | CASS |  |

  $\frac{\text{PRE TINNED}}{\text{vorverzinnt}}$  1-2  $\mu\text{m}$

△<sub>2</sub> FINISH: ELECTROPLATED SILVER  
Oberfläche: galvanisch versilbert

ZONE "A": MIN 1-3  $\mu$ m Ag  
min 1-3  $\mu$ m Ag

ZONE "B": MIN 1-3  $\mu$ m ELECTROPLATED SN  
min 1-3  $\mu$ m galvanisch Sn

REST: SILVER OR TIN ALLOWED. IN TRANSITION AREAS  
OVERLAPPING LAYER OR PLAIN SURFACES ARE NOT ALLOWED.  
 Silber oder Zinn erlaubt. Im Übergangsbereich sind keine  
 ueberlappenden Schichten oder blanke Stellen erlaubt.

3 PLAIN  
blank

 FINISH: ROLL-CLAD GOLD  
Oberflaeche: walzplattiert Gold

ZONE "A": MIN 1.2  $\mu$ m AuNi5 OVER  $10 \pm 2$   $\mu$ m Ni INTERFACE LAYER  
min 1.2  $\mu$ m AuNi5 ueber  $10 \pm 2$   $\mu$ m Zwischenschicht

REST: MIN. 1-2  $\mu$ m ELECTROPLATED Sn  
min. 1-2  $\mu$ m galvanisch Sn

5 FINISH: ELECTROPLATED GOLD  
Oberfläche: galvanisch vergoldet

ZONE "A": MIN 0.8µm ELECTROPLATED Au OVER MIN 1.3µm ELECTROPLATED Ni LAYER  
AT CONTACT AREA  
min 0.8µm galvanisch Au ueber min 1.3µm galvanisch Ni Zwischenschicht  
im Kontaktbereich

ZONE "B": MIN 1-2  $\mu\text{m}$  ELECTROPLATED Sn OVER MIN 0.05  $\mu\text{m}$  ELECTROPLATED Ni LAYER  
min 1-2  $\mu\text{m}$  galvanisch Sn ueber min 0.05  $\mu\text{m}$  galvanisch Ni Zwischenschicht

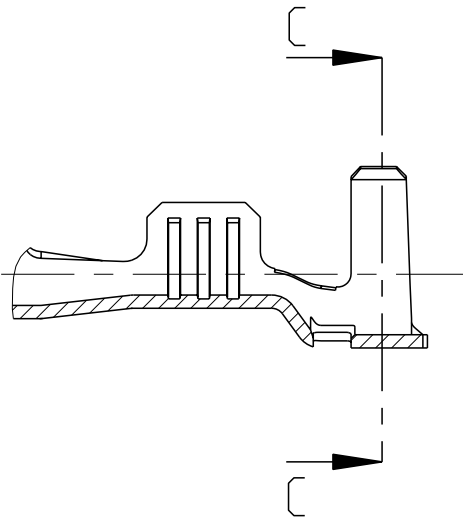
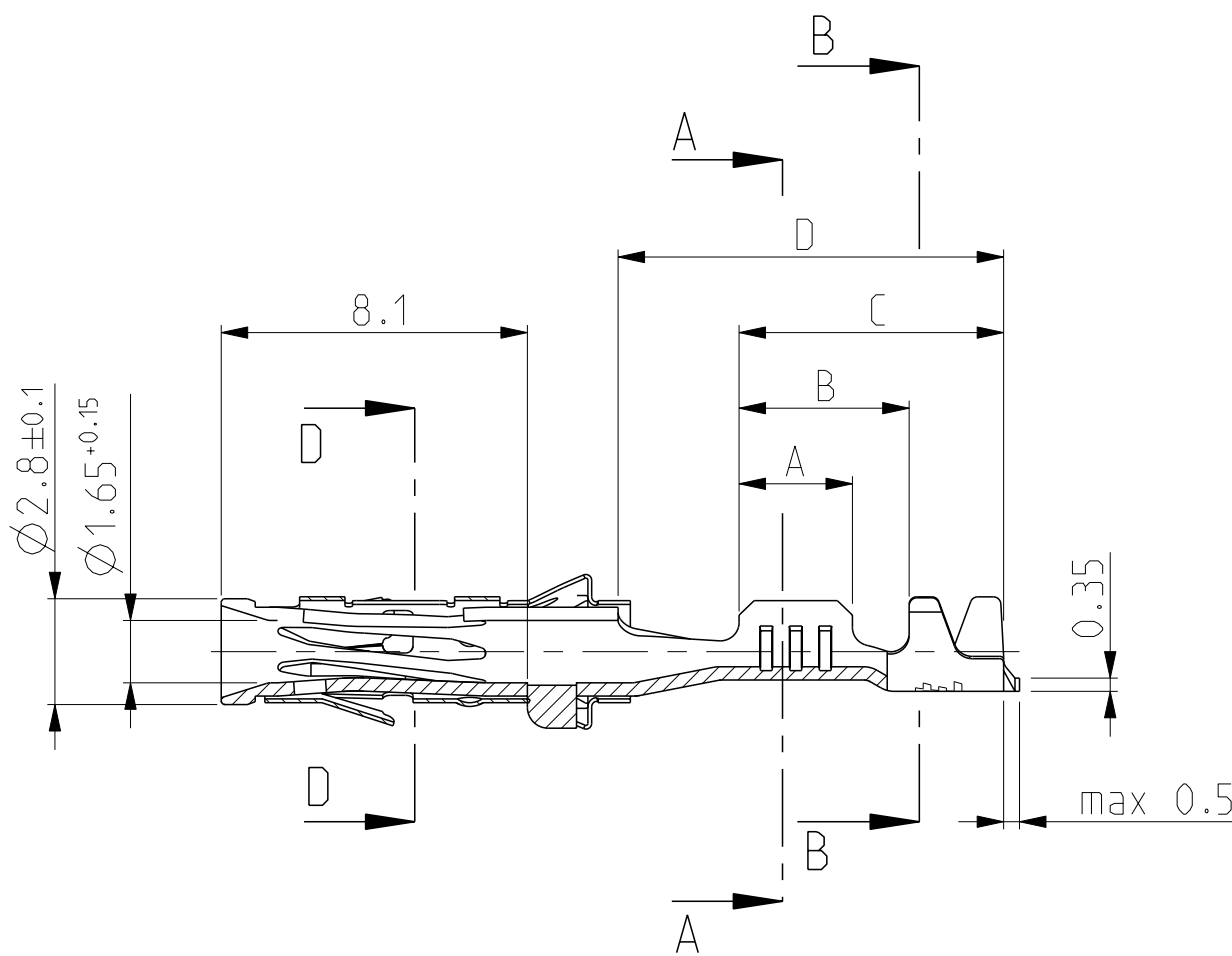
REST: Au, Sn OR Ni SURFACE. NO PLAIN SURFACES ALLOWED.  
Au, Sn oder Ni Oberfläche. Keine blanken Stellen erlaubt.

VERSION A

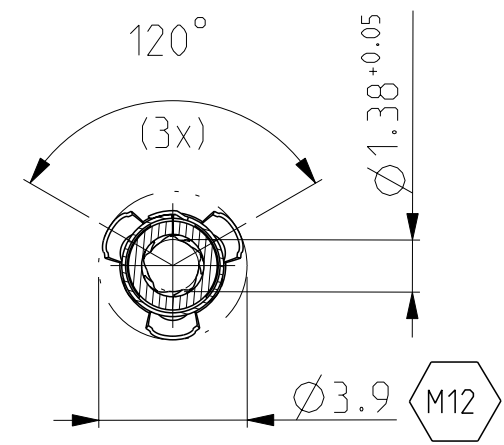
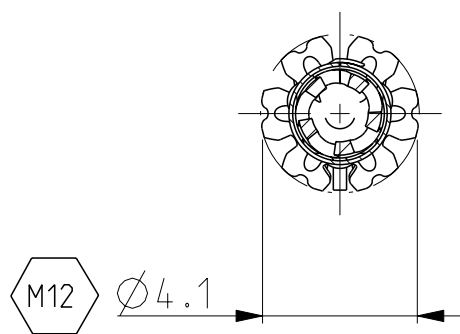
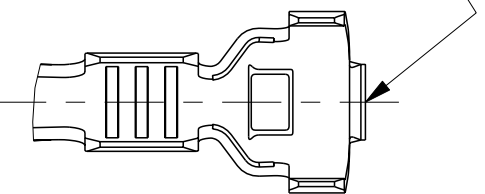
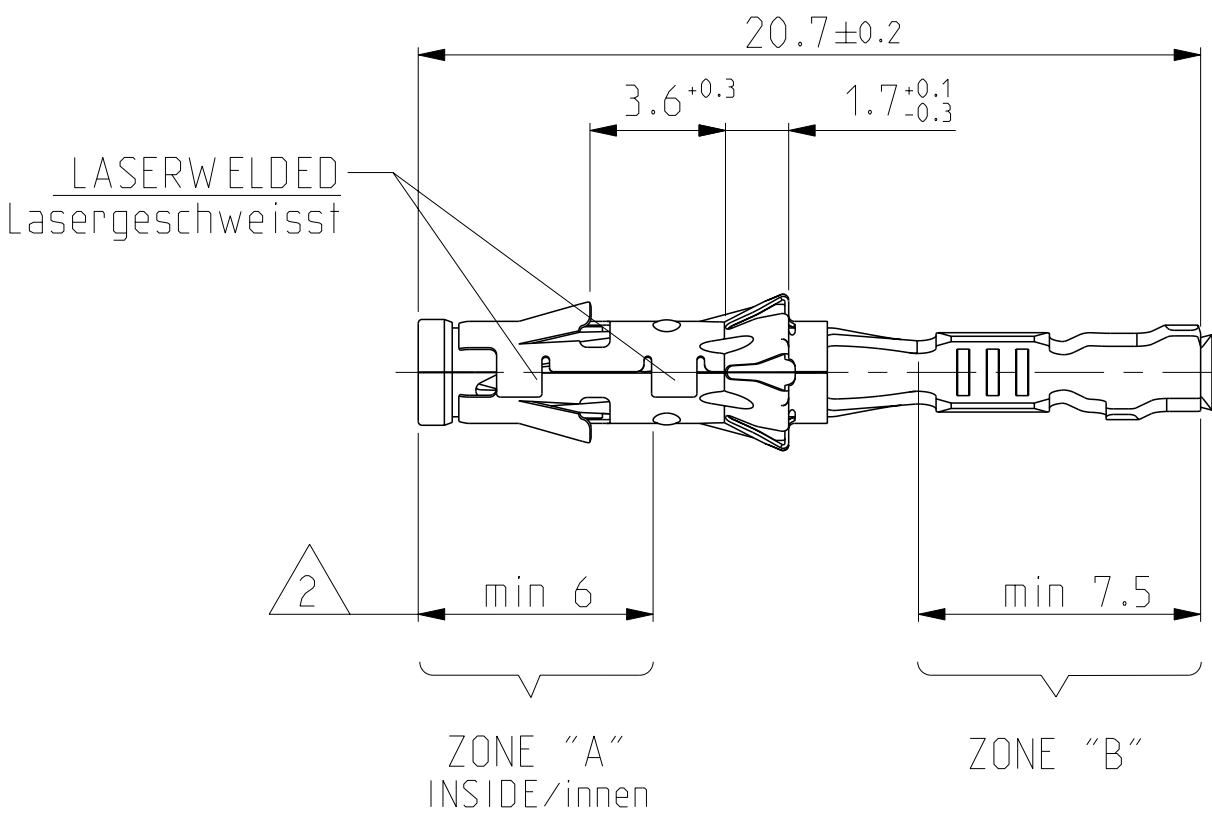
(UNSEALED / ungedichtet)

VERSION B

(SINGLE WIRE SEAL-SYSTEM /  
Einzel-Dichungs-System)  
DGB 0.5 - 2.5 mm



CUT-OFF FOR STRIP FORM AND LP-PARTS  
Trennstelle fuer Bandware und LP Teile



D-D

|                                                                   |                                       |            |   |            |                                                                                     |                 |         |                                        |   |   |     |     |      |          |          |
|-------------------------------------------------------------------|---------------------------------------|------------|---|------------|-------------------------------------------------------------------------------------|-----------------|---------|----------------------------------------|---|---|-----|-----|------|----------|----------|
| Version B<br>(SINGLE WIPE SEAL-SYSTEM<br>Einzel-Dichtungs-System) | 1-929990-0                            | 1-962999-0 | K | CuNi18Zn20 |  | >1.0-2.5<br>FLR | 2.2-3.0 | E=3.6<br>G=3.8<br>Ø <sub>Dr</sub> =1.7 | B | 4 | 7.2 | 8.7 | 10.4 | 828905-1 | 828922-1 |
|                                                                   | 929990-7                              | 962999-7   | K | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929990-4<br>SUPERSEDED<br>BY 929990-1 | 962999-4   | K | CuFe2      |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929990-3                              | -          | K | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929990-1                              | 962999-1   | K | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 1-929989-0                            | 1-962998-0 | A | CuNi18Zn20 |  | 0.5-1.0<br>FLR  | 1.2-2.1 | E=2.6<br>G=2.8<br>Ø <sub>Dr</sub> =1.1 | B | 3 | 5.4 | 7   | 10.2 | 828904-1 | 828922-1 |
|                                                                   | 929989-8                              | 962998-8   | A | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929989-7                              | 962998-7   | A | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929989-4                              | 962998-4   | M | CuFe2      |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   |                                       |            |   |            |                                                                                     |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929989-1                              | 962998-1   | M | CuNiSi     |  | 0.2-0.4<br>FLR  | 1.2-2.1 | E=2.1<br>G=2.1<br>Ø <sub>Dr</sub> =0.8 | A | 3 | 5.4 | 7   | 10.2 | 828904-1 | 828922-1 |
|                                                                   | 929988-4                              | 962997-4   | J | CuFe2      |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   |                                       |            |   |            |                                                                                     |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929988-2                              | 962997-2   | K | CuNiSi     |  |                 |         |                                        |   |   |     |     |      |          |          |
|                                                                   | 929988-1                              | 962997-1   | J |            |  |                 |         |                                        |   |   |     |     |      |          |          |

|                                     |                                               |          |                       |                       |                                                                                     |                 |                          |                                               |                              |   |     |     |      |
|-------------------------------------|-----------------------------------------------|----------|-----------------------|-----------------------|-------------------------------------------------------------------------------------|-----------------|--------------------------|-----------------------------------------------|------------------------------|---|-----|-----|------|
| Version A (UNSEALED / ungeedichtet) | 929987-4                                      | 962996-4 | L                     | CuFe2                 |  | >1.0-2.5<br>FLR | 1.9-3.0                  | E=3.6<br>G=3.8<br>Ø <sub>Dr</sub> =1.7        | A<br>H=4.3<br>K=4.5<br>Ø=2.6 | 4 | 5.5 | 8.5 | 10.2 |
|                                     |                                               |          |                       |                       |                                                                                     |                 |                          |                                               |                              |   |     |     |      |
|                                     |                                               |          |                       |                       |                                                                                     |                 |                          |                                               |                              |   |     |     |      |
|                                     | 929987-1                                      | 962996-1 | L                     | CuNiSi                |  | 0.5-1.0<br>FLR  | 1.4-2.1                  | E=2.6<br>G=2.8<br>Ø <sub>Dr</sub> =1.1        | A<br>H=3.2<br>K=3.4<br>Ø=1.8 | 3 | 4.5 | 7   | 10.2 |
|                                     | 929986-4                                      | 962995-4 | L                     | CuFe2                 |  |                 |                          |                                               |                              |   |     |     |      |
|                                     |                                               |          |                       |                       |                                                                                     |                 |                          |                                               |                              |   |     |     |      |
|                                     | 929986-1                                      | 962995-1 | L                     | CuNiSi                |  | 0.2-0.4<br>FLR  | 1.15-1.6                 | E=2.1<br>G=2.1<br>Ø <sub>Dr</sub> =0.8        | A<br>H=2.5<br>K=2.5<br>Ø=1.4 | 3 | 4.5 | 7   | 10.2 |
|                                     | 929985-4                                      | 962994-4 | J                     | CuFe2                 |  |                 |                          |                                               |                              |   |     |     |      |
|                                     |                                               |          |                       |                       |                                                                                     |                 |                          |                                               |                              |   |     |     |      |
|                                     | 929985-1                                      | 962994-1 | J                     | CuNiSi                |  |                 |                          |                                               |                              |   |     |     |      |
| ORDER-NO.<br>STRIP FORM<br>Bandware | ORDER-NO.<br>LOOSE PIECE.<br>Einzelausführung | REV.     | MATERIAL<br>Werkstoff | SURFACE<br>Oberfläche | DGB<br>[mm ±]                                                                       | ISOL.Ø<br>[mm]  | WIRE CRIMP<br>Drahtcrimp | INSUL.-CRIMP<br>Isol.-Crimp                   | A                            | B | C   | D   |      |
|                                     |                                               |          |                       |                       |                                                                                     |                 |                          | CRIMP DIMENSION (mm)<br>Crimpabmessungen (mm) |                              |   |     |     |      |

|                                                                                       |  |                                                                                                                                                                  |  |                                                             |   |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                                                                                                                                                  |  |                                                             |   |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                           |  | TE Connectivity                                             |   |
| mm                                                                                    |  |                                                                                                                                                                  |  | NAME DIA. 1.5mm SOCKET CONTACT<br>Dia. 1.5mm Buchsenkontakt |   |
|  |  | <del>           0 PLC ±0.15<br/>           2 PLC ±<br/>           2 PLC ±<br/>           4 PLC ±<br/>           ANGLES ±15°<br/>           FINISH         </del> |  | APPROVED BY: Riecher M., DATE: 22/02/2003                   |   |
| MATERIAL                                                                              |  | PRODUCT SPEC 108-18028                                                                                                                                           |  | SIZE CASE CODE DRAWING NO RESTRICTED TO                     |   |
| -                                                                                     |  | APPLICATION SPEC 116-18040                                                                                                                                       |  | A   00779 C=1355063                                         | - |
| WEIGHT 0.4g                                                                           |  | CUSTOMER DRAWING                                                                                                                                                 |  | SCALE 5:1 SHEET 1 OF 1 REV 1/1                              |   |