



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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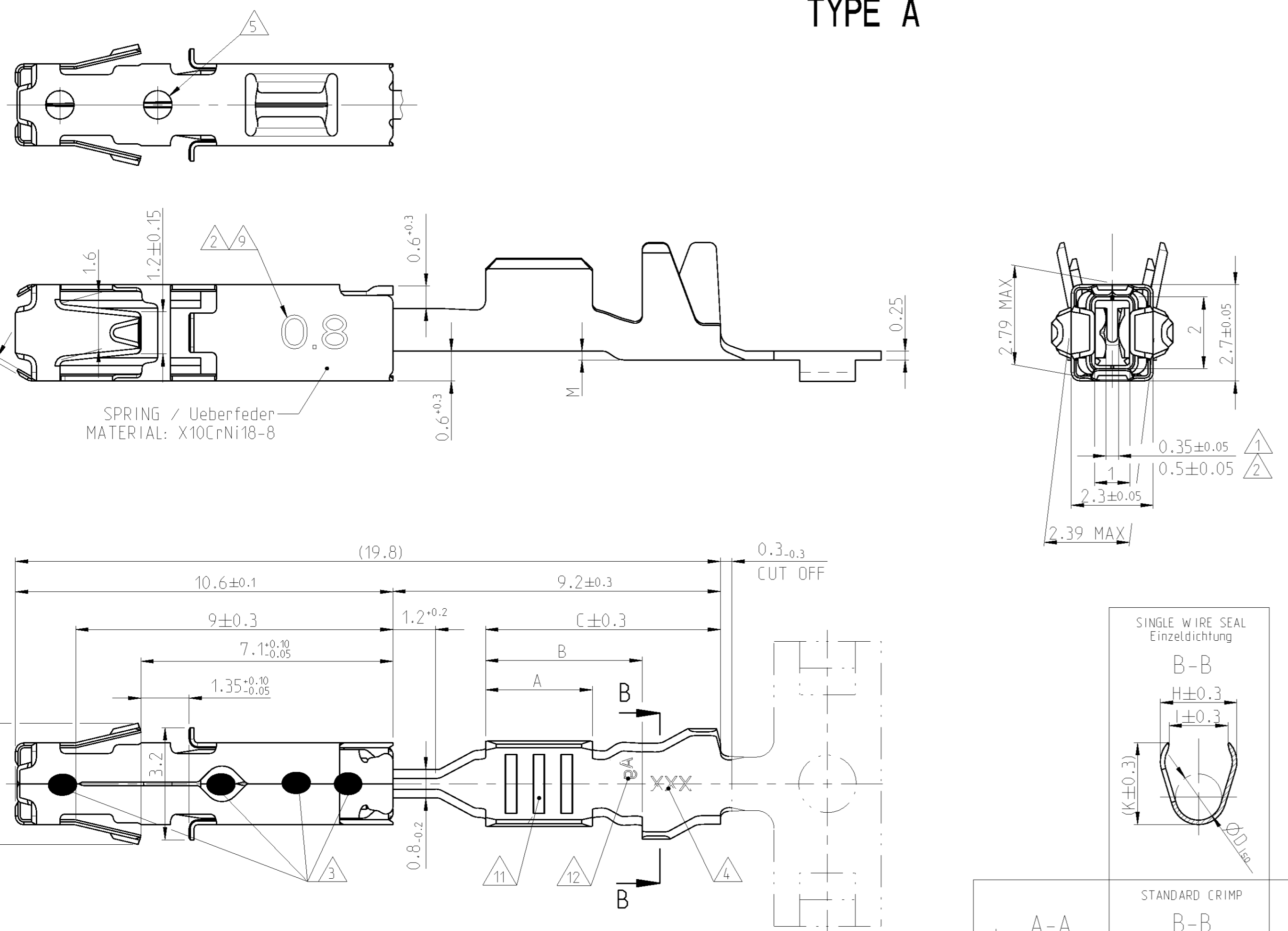
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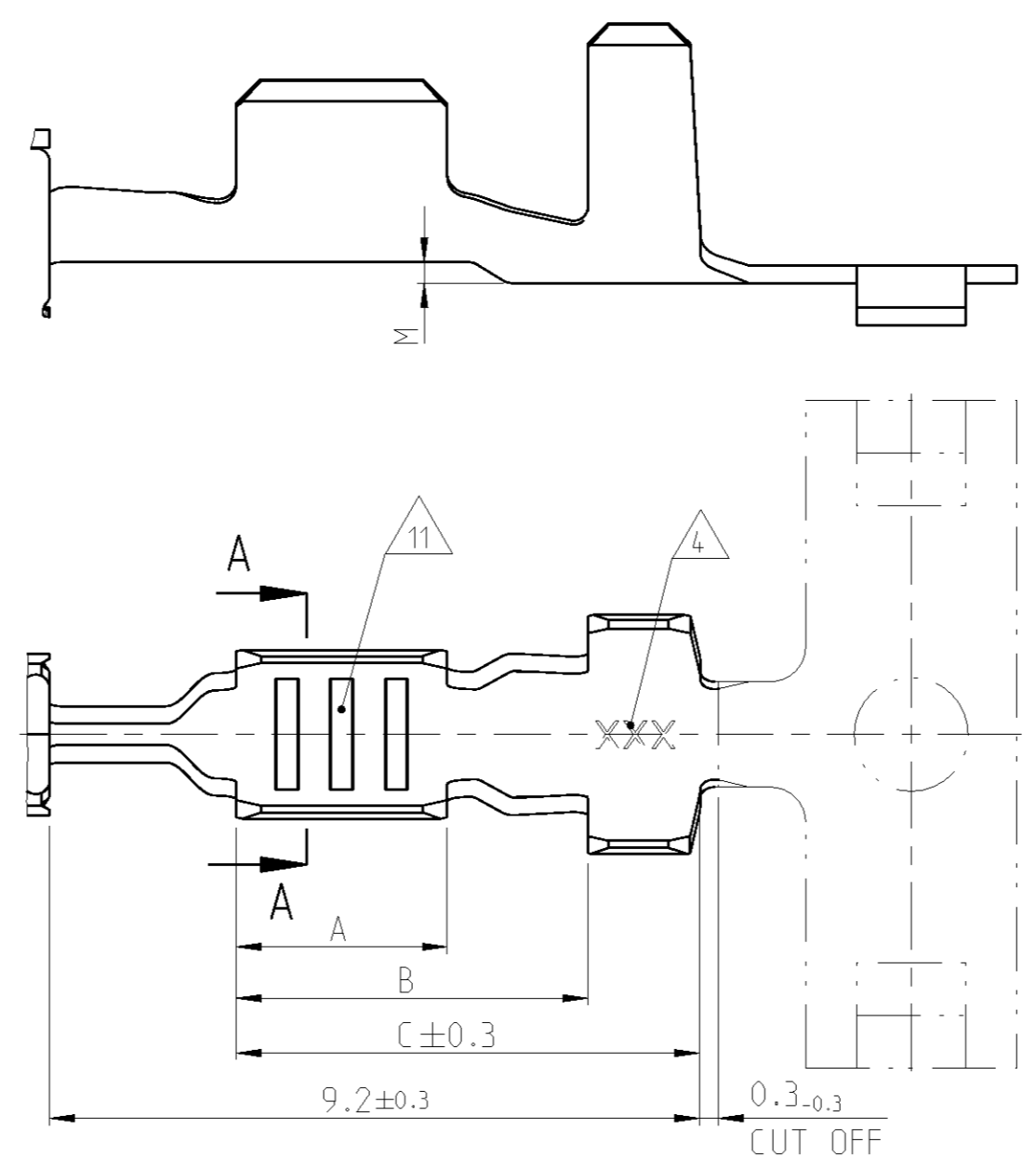


| LOC | DIST | REV | DATE | BY | CHK | APPV |
|-----|------|-----|-----------|------|-------|------|
| A1 | - | 1 | 14FEB2011 | Mair | Bleic | |
| B13 | | 2 | 29APR2011 | RK | HMR | |
| B14 | | 3 | 30JAN2012 | Kirs | Mair | |
| B15 | | 4 | 12MAR2013 | Kirs | Mair | |

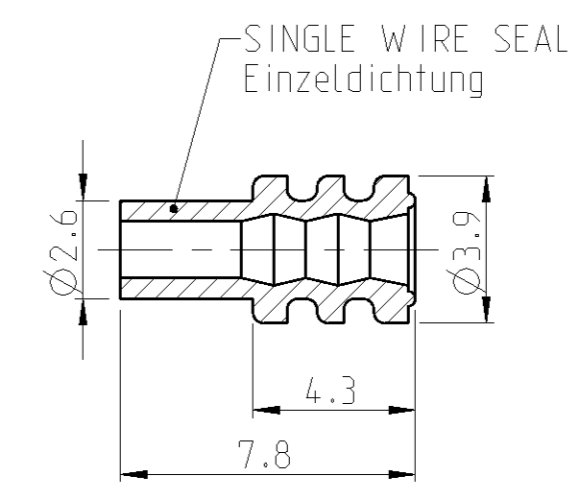
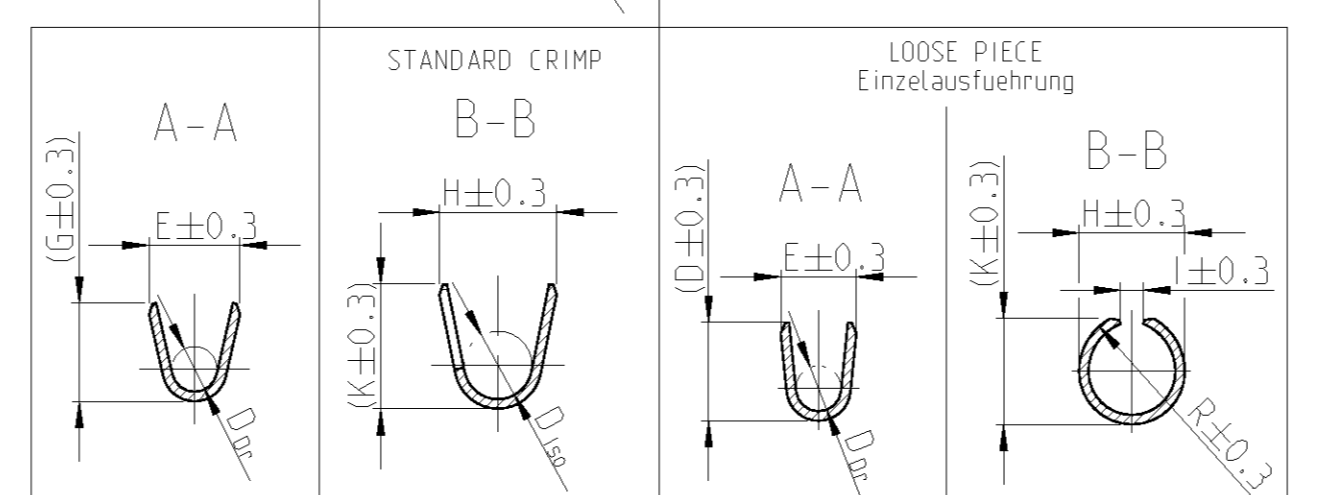
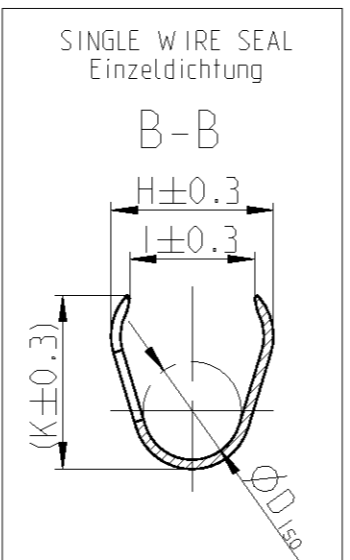
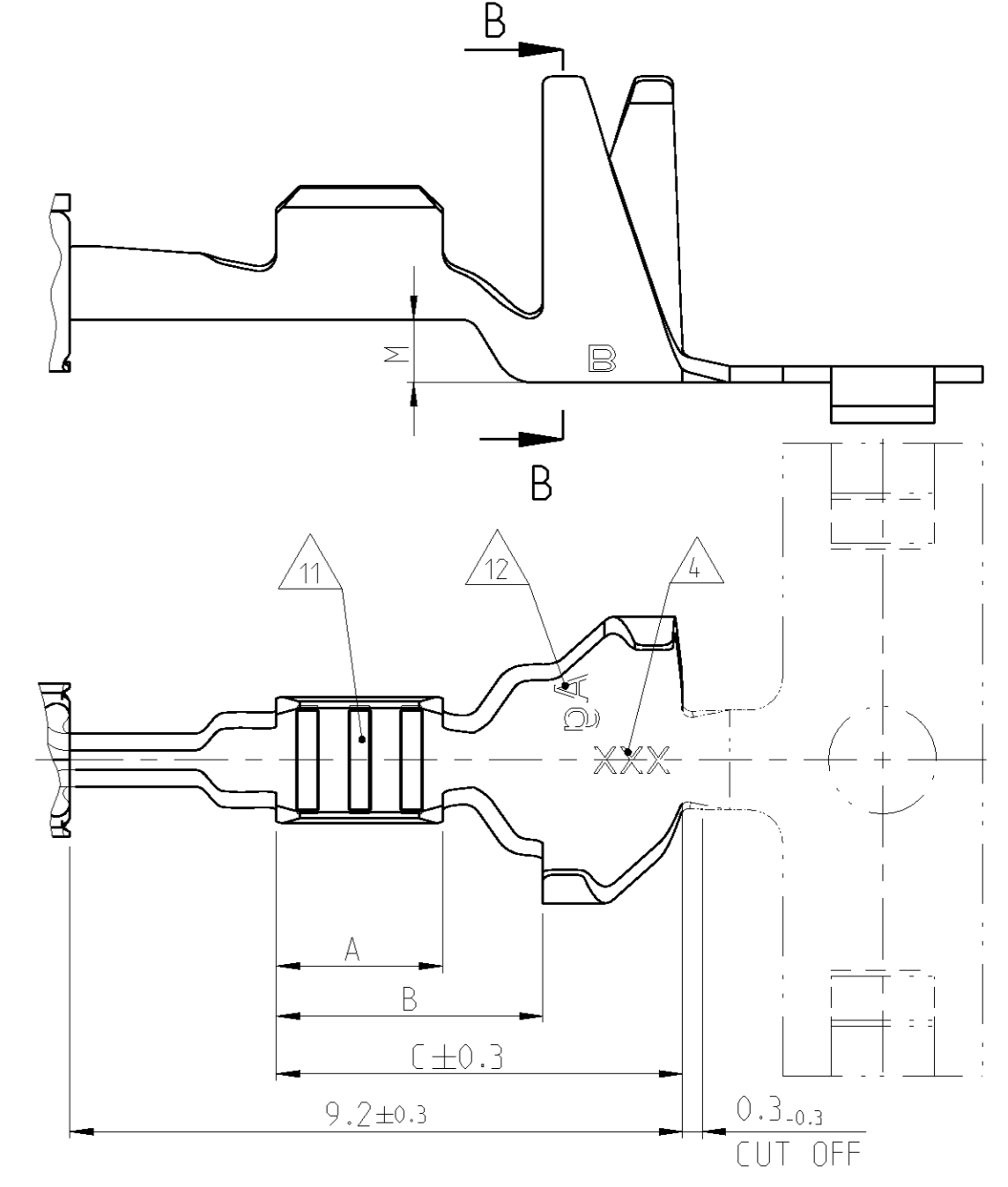
TYPE A



TYPE B



SINGLE WIRE SEALING SYSTEM



| ORDER NO. Bestell-Nr. | INSULATION DIA Isolations Ø | COLOUR Farbe |
|-----------------------|-----------------------------|--------------|
| 964972-1 | 1.9...2.4 | YELLOW gelb |
| 963530-1 | 1.4...1.9 | GREY grau |
| 964971-1 | 1.2...1.6 | RED rot |
| 1718705-1 | 0.9...1.2 | GREEN gruen |

| REV. | ORDER NO. Bestell-Nr. | TO BE USED ON TAB | WIRE RANGE Drahtgroessenbereich (mm²) | INSULATION DIA Isolations Ø (mm) | MATERIAL Werkstoff | PLATING Ueberzug | LENGTH Laenge | WIRE CRIMP Drahtcrimp | INSUL. CRIMP Isol.-Crimp | WIRE CRIMP Drahtcrimp | INSUL. CRIMP Isol.-Crimp | FORM OF CRIMP Form des Crimps |
|------|-----------------------|-------------------|---------------------------------------|----------------------------------|--------------------|----------------------------|-------------------------------|--|--|--|---|--|
| | 1718558-1 | B | 1718559-1 | 2 | CuNiSi | TINPLATED vorverzinkt | A = 3.0 | E = 2.7 G = (2.9) D _{Dr} = 1.4 | H = 4.5 I = 3.6 K = (4.9) D _{iso} = 2.9 M = 0.9 | SEE STRIP PARTS siehe Bandware | SEE STRIP PARTS siehe Bandware | SINGLE WIRE SEALING SYSTEM Einzeldichtungssystem |
| | 1418884-3 | B | 1418885-3 | 1 | CuNiSi | PRESILVER vorversilbert | B = 4.5 C = 6.6 | | | | | |
| | 1418884-1 | B | 1418885-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1534162-1 | B | 1534163-1 | 2 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1-1241380-2 | B | - | | CuNiSi | 10 PRESILVER vorversilbert | A = 3.0 | E = 2.4 G = (2.6) D _{Dr} = 1.2 | H = 4.3 I = 3.3 K = (4.8) D _{iso} = 2.7 M = 0.9 | E = 2.0 G = (2.6) D _{Dr} = 1.2 | H = 3.6 I = 1.4 K = (4.4) R = 2.1 M = 0.9 | SINGLE WIRE SEALING SYSTEM Einzeldichtungssystem |
| | 1241380-3 | B | 1241381-3 | 1 | CuNiSi | PRESILVER vorversilbert | B = 4.5 C = 6.6 | | | | | |
| | 1241380-2 | B | 1241381-2 | 1 | CuNiSi | 5 TINPLATED vorverzinkt | | | | | | |
| | 1241380-1 | B | 1241381-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1564324-3 | B | 1564325-3 | 1 | CuNiSi | PRESILVER vorversilbert | A = 2.5 | E = 1.9 G = (2.0) D _{Dr} = 0.75 | H = 4.3 I = 3.3 K = (4.8) D _{iso} = 2.6 M = 0.9 | SEE STRIP PARTS siehe Bandware | SEE STRIP PARTS siehe Bandware | TYPE B |
| | 1564324-2 | B | 1564325-2 | 1 | CuNiSi | 5 TINPLATED vorverzinkt | B = 4.0 C = 6.1 | | | | | |
| | 1564324-1 | B | 1564325-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1534160-1 | B | 1534161-1 | 2 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1241378-3 | B | 1241379-3 | 13 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1241378-2 | B | 1241379-2 | 13 | CuNiSi | PRESILVER vorversilbert | | | | | | |
| | 1241378-1 | B | 1241379-1 | 13 | CuNiSi | 5 TINPLATED vorverzinkt | | | | | | |
| | 1241376-2 | B | 1241377-2 | 1 | CuNiSi | 5 TINPLATED vorverzinkt | A = 3.0 B = 5.0 C = 6.6 | E = 2.4 G = (2.6) D _{Dr} = 1.2 | H = 3.4 K = (3.7) D _{iso} = 1.8 M = 0.3 | E = 2.0 G = (2.6) D _{Dr} = 1.2 | H = 2.8 ; I = 0.6 K = (3.35) ; R = 1.6 M = 0.3 | TYPE B |
| | 1241376-1 | B | 1241377-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1418410-1 | B | 1418411-1 | 2 | CuNiSi | TINPLATED vorverzinkt | A = 3.2 B = 4.4 C = 6.6 | E = 2.7 G = (2.9) D _{Dr} = 1.4 | H = 3.9 K = (3.9) D _{iso} = 1.9 M = 0.2 | E = 2.7 G = (3.0) D _{Dr} = 1.4 | H = 3.0 ; I = 0.65 K = (3.35) ; R = 1.9 M = 0.3 | TYPE A |
| | 1534334-1 | B | 1534335-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1418408-1 | B | 1418409-1 | 2 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1241374-3 | B | 1241375-3 | 1 | CuNiSi | TINPLATED vorverzinkt | A = 3.0 | E = 2.4 G = (2.6) D _{Dr} = 1.2 | H = 3.1 K = (3.3) D _{iso} = 1.8 M = 0.2 | E = 2.0 G = (2.6) D _{Dr} = 1.2 | H = 2.8 I = 0.6 K = (2.8) R = 1.6 M = 0.2 | TYPE A |
| | 1241374-2 | B | 1241375-2 | 1 | CuNiSi | PRESILVER vorversilbert | B = 4.4 C = 6.6 | | | | | |
| | 1241374-1 | B | 1241375-1 | 1 | CuNiSi | TINPLATED vorverzinkt | | | | | | |
| | 1564980-2 | B | 1564981-2 | 1 | CuNiSi | 5 TINPLATED vorverzinkt | A = 2.5 | E = 1.9 G = (2.0) D _{Dr} = 0.75 | H = 2.3 K = (2.3) D _{iso} = 1.1 M = 0 | SEE STRIP PARTS siehe Bandware | SEE STRIP PARTS siehe Bandware | TYPE A |
| | 1564980-1 | B | 1564981-1 | 1 | CuNiSi | TINPLATED vorverzinkt | B = 3.7 C = 5.7 | E = 1.8 G = (1.7) D _{Dr} = 0.75 | H = 2.3 K = (2.3) D _{iso} = 1.1 M = 0 | E = 1.4 G = (1.8) D _{Dr} = 0.75 | H = 2.0 ; I = 0.5 K = (2.0) ; R = 1.2 M = 0 | |
| | 1241372-2 | B | 1241373-2 | 13 | CuNiSi | 5 TINPLATED vorverzinkt | | | | | | |
| | 1241372-1 | B | 1241373-1 | 13 | CuNiSi | TINPLATED vorverzinkt | | | | | | |

Bemerkungen NOTES

- 1 Geeignet fuer Flachstecker TO BE USED ON TAB 1.5^{+0.2}-0.1 x 0.6^{+0.07}-0.03
- 2 Geeignet fuer Flachstecker TO BE USED ON TAB 1.5^{+0.2}-0.1 x 0.8±0.03
- 3 Laserschweissung LASERWELDED
- 4 Kennung fuer Werkzeug und Revisionsstand DIE-IDENTIFICATION AND REVISION STATUS
- 5 Min. 0.8µm Goldueberzug im Kontaktbereich ueber min. 1.3µm Nickelueberzug; min. 1µm Zinnueberzug im Crimpbereich. Zur Kennzeichnung siehe Loch an der Ueberfeder MIN. 0.8µm GOLDPLATE IN CONTACT AREA OVER MIN. 1.3µm NICKELPLATE; MIN. 1µm TINPLATE IN CRIMP AREA. AS INDEX SEE HOLE AT SPRING
- 6 Fuer Doppel- und Einzelcrimp FOR DOUBLE AND SINGLE CRIMP
- 7 Auswahl der Einzeldichtung entsprechend dem Isolationsdurchmesser SINGLE WIRE SEAL TO BE SELECTED ACCORDING TO INSULATION-DIA
- 8 Zulaessige Strombelastbarkeit siehe Drahtgrosse 1 mm² CURRENT CARRYING CAPABILITY SEE WIRE CROSS SECTION
- 9 Kennzeichnung fuer besonderes Offnungsmass und Tab-Abmessung 0.8mm. SIGNED FOR SPECIAL GAPSIZE AND TAB DIMENSION 0.8mm.
- 10 1.27µm Goldueberzug im Kontaktbereich ueber min. 1.3µm Nickelueberzug; min. 1µm Zinnueberzug im Crimpbereich. Zur Kennzeichnung siehe Loch an der Ueberfeder
- 11 Unterschiedliche Ausfuehrung und Anzahl der Ritzen moeglich DIFFERENT FORM AND NUMBER OF THE SERRATION POSSIBLE
- 12 Kennzeichnung mit "Ag" bei Silberueberzug im Kontaktbereich MARKING WITH "Ag" FOR SILVERPLATING IN CONTACT AREA
- 13 1241372 nicht fuer Neuanwendung. wird ersetzt durch 1564980 1241378 nicht fuer Neuanwendung. wird ersetzt durch 1564324 1241378 SUPERSEDED BY PN 1564324.
- 14 Einzelheiten der Ausfuehrung bleiben dem Hersteller ueberlassen DETAILS OF DESIGN ARE LEFT TO MANUFACTURER

THIS DRAWING IS A CONTROLLED DOCUMENT. 27AUG2004
 DR: Liebing 30JAN2012
 CHK: A. Mairoser
 APPV: M. Bleicher 30JAN2012
 PRODUCT SPEC

TE Connectivity
 NAME: AMP MCP 1.5K
 PRODUCT GROUP DRAWING

DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2

MATERIAL: SEE TABLE
 FINISH: SEE TABLE

WEIGHT: 114-18386
 Customer Drawing

SCALE: 10:1 SHEET: 1 OF 1