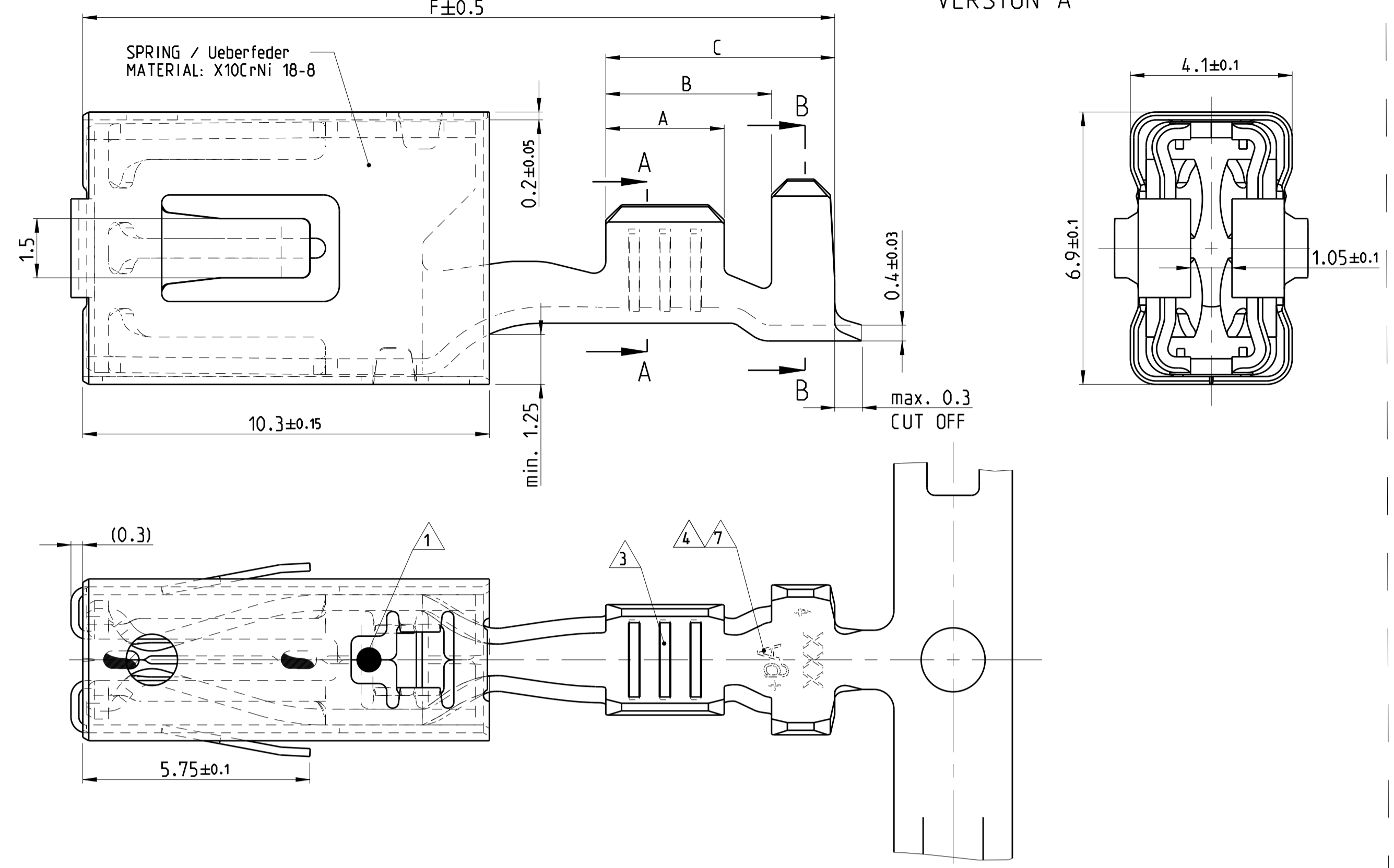
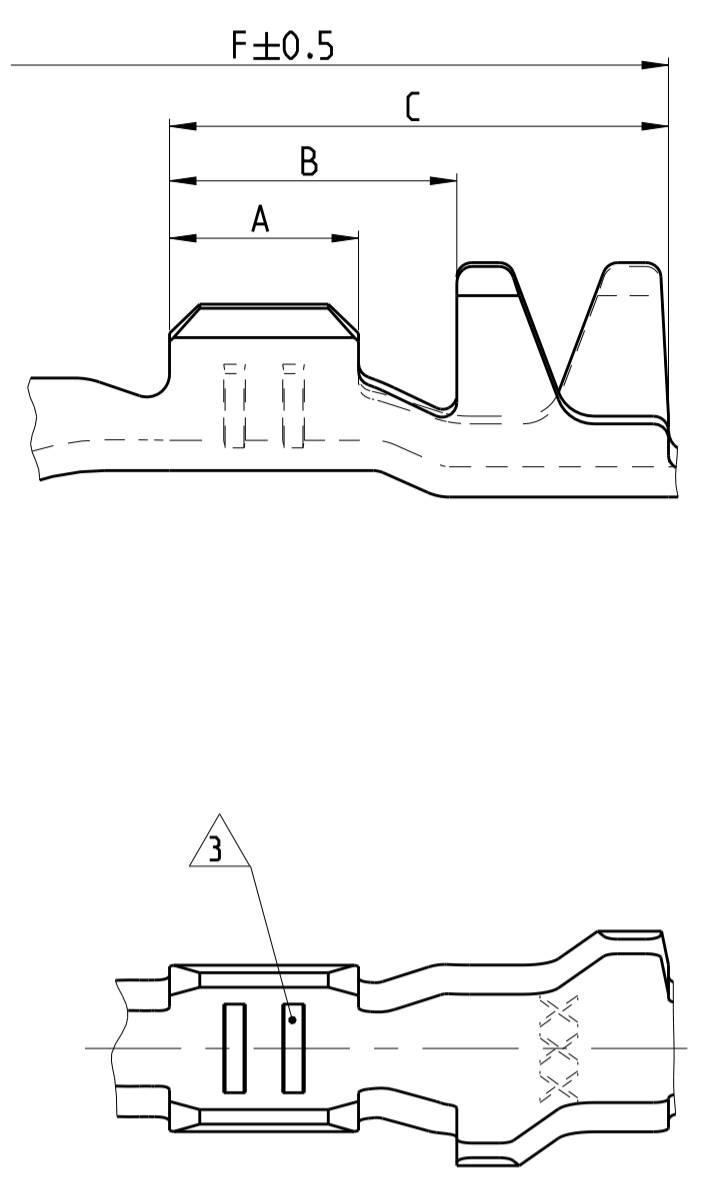


VERSION A

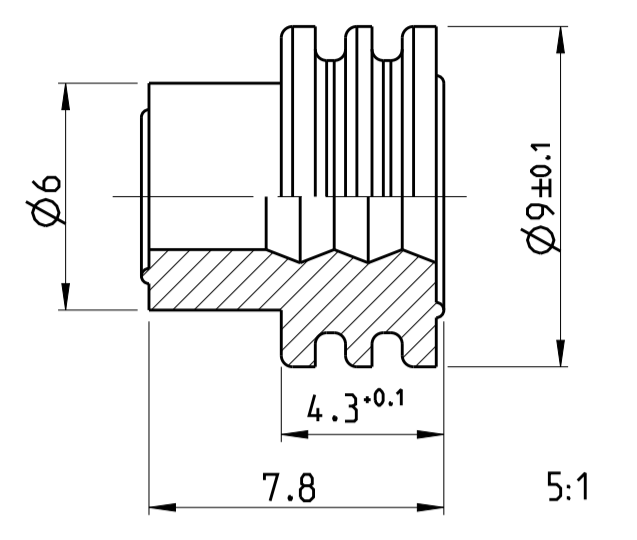
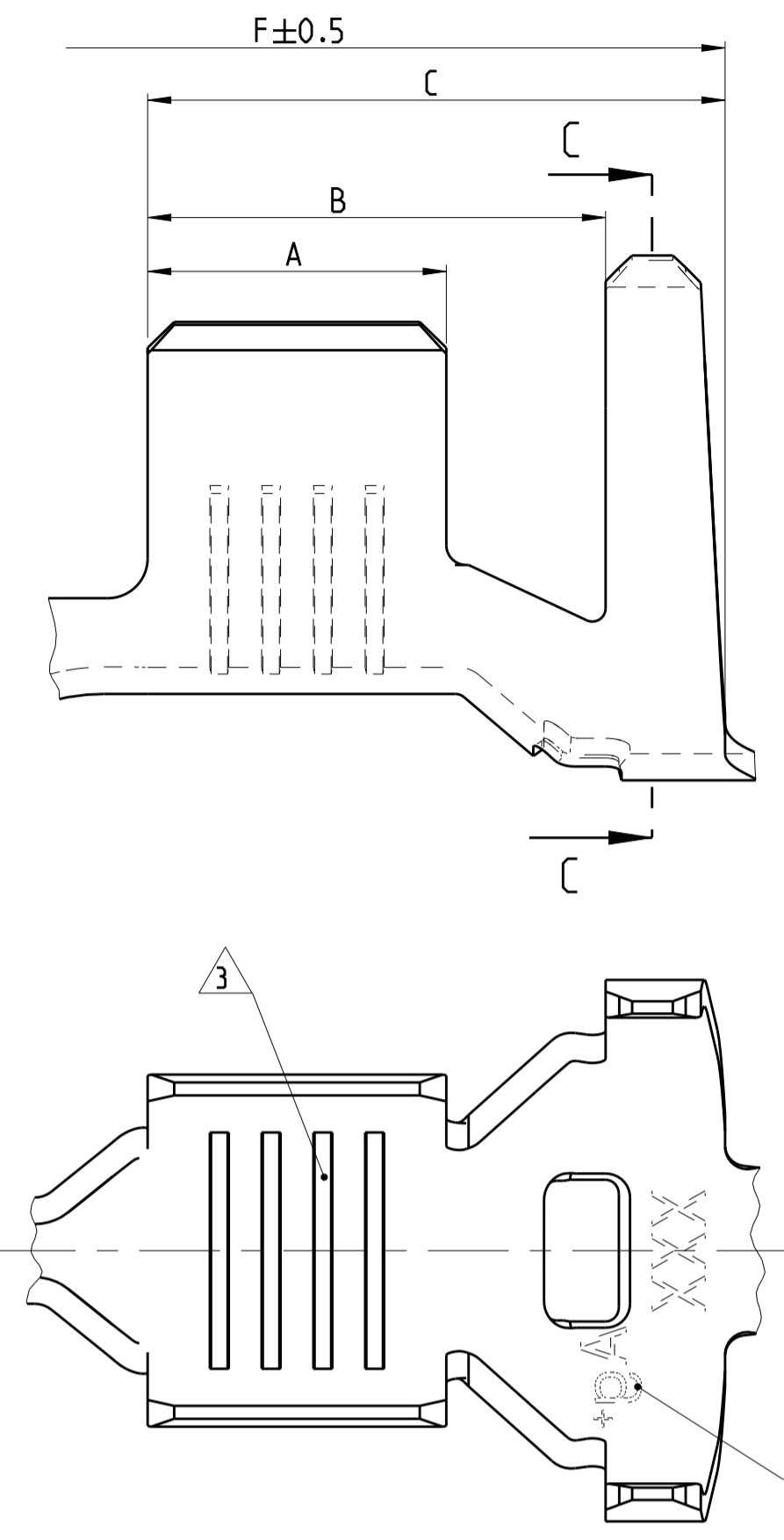


VERSION B



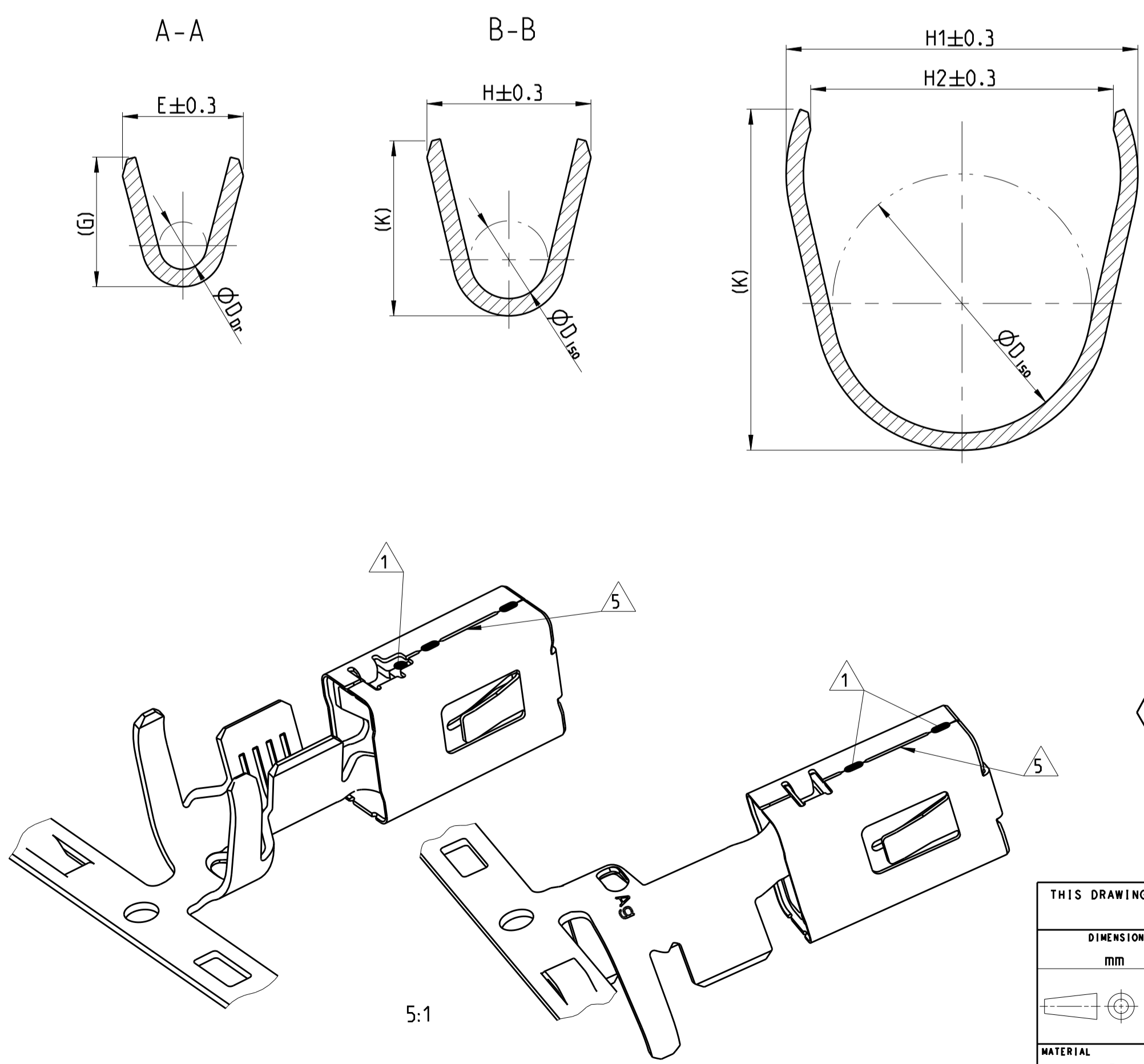
VERSION C

SINGLE WIRE SEALING SYSTEM
 Einzeldichtungssystem



| ORDER NO. Bestell-Nr. | INSULATION-Ø Isolations-Ø | COLOUR Farbe |
|--------------------------|------------------------------|----------------------|
| 2177018-1 | 1.2-2.0 | YELLOW gelb |
| 1394511-1 | 2.0-2.7 | WHITE weiss |
| 1823111-1 | 2.7-3.0 | REDBROWN rotbraun |
| 1394512-1 | 3.4-3.7 | BLUE blau |
| 1719043-1 | 4.0-4.5 | GREEN gruen |

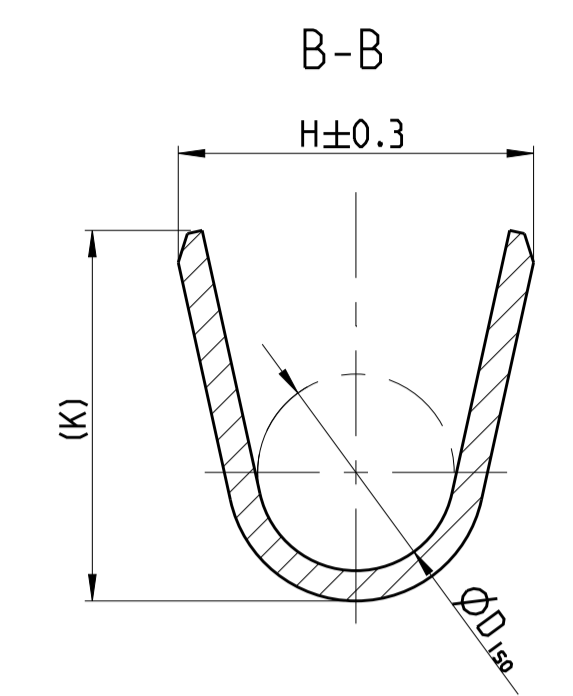
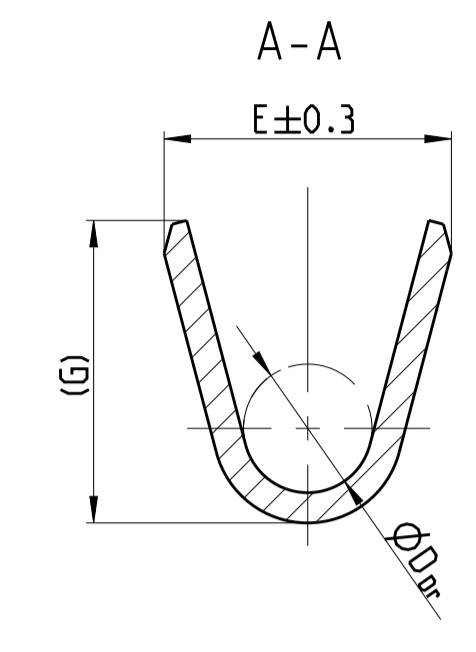
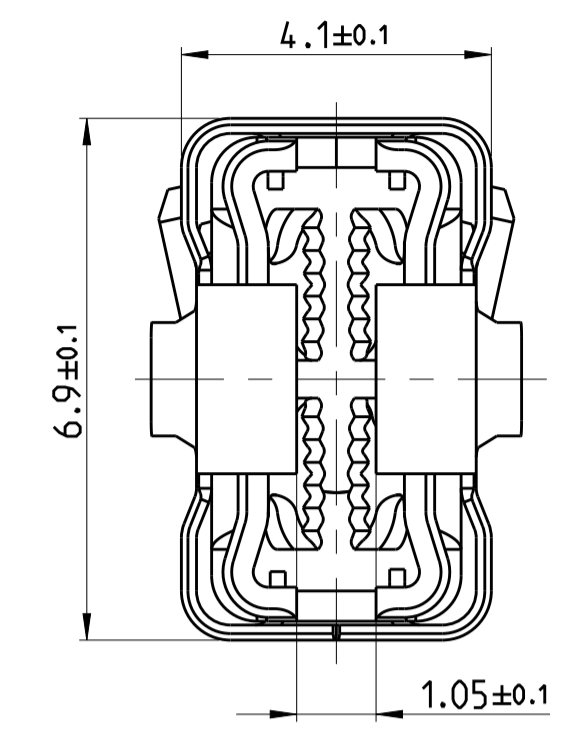
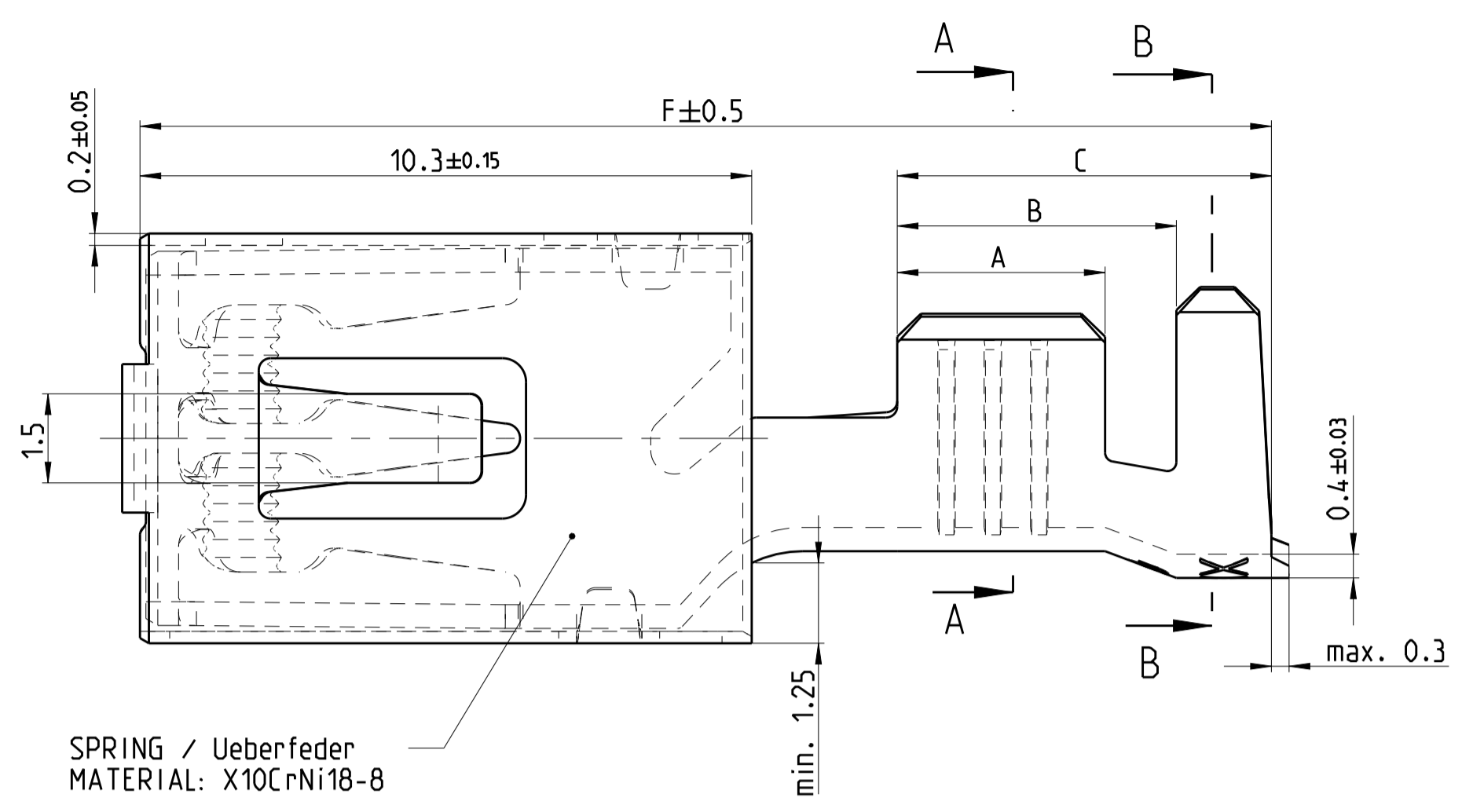
| Part No. | Rev. | Wire Range | Insulation-Ø | Material | Surface | A | B | C | F | Wire Crimp | Insulation Crimp |
|-------------|------|------------|--------------|----------|--------------------------------------|-----|-----|-----|-------|---|--|
| 1241418-4 | A | | | CuNiSi | TIN PLATED / SnAg verzinkt / SnAg | | | | | E = 5.3 G = 5.6 D _{Dr} = 2.9 | H1= 8.15 H2= 7.0 K = 7.9 D _{Iso} = 6.0 |
| 2-1241418-3 | A | 4.0-6.0 | 3.4-4.3 | CuNiSi | SILVER PLATED versilbert | 4.5 | 6.9 | 8.7 | 20.95 | | |
| 1-1241418-3 | A | | | CuNiSi | SILVER PLATED versilbert | | | | | | |
| 1241416-3 | A | >2.5-4.0 | 3.4-4.5 | CuNiSi | SILVER PLATED versilbert | 4.0 | 5.9 | 7.7 | 19.95 | E = 4.6 G = 4.8 D _{Dr} = 2.4 | H1= 8.15 H2= 7.0 K = 7.9 D _{Iso} = 6.0 |
| 1241416-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241414-3 | A | >1.0-2.5 | 2.2-3.7 | CuNiSi | SILVER PLATED versilbert | 3.5 | 5.9 | 7.7 | 19.95 | E = 3.8 G = 4.0 D _{Dr} = 1.7 | H1= 8.15 H2= 7.0 K = 7.9 D _{Iso} = 5.7 |
| 1241414-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241412-3 | A | 0.5-1.0 | 1.4-2.7 | CuNiSi | SILVER PLATED versilbert | 3.0 | 5.4 | 7.2 | 19.95 | E = 2.8 G = 3.0 D _{Dr} = 1.1 | H1= 7.8 H2= 6.7 K = 7.5 D _{Iso} = 5.5 |
| 1241412-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 5-1241410-3 | A | | | CuNiSi | SILVER PLATED versilbert | | | | | | |
| 1241410-3 | A | 0.35-0.5 | 1.2-2.3 | CuNiSi | SILVER PLATED versilbert | 2.5 | 4.9 | 6.7 | 19.95 | E = 2.2 G = 2.2 D _{Dr} = 0.8 | H1= 7.7 H2= 6.6 K = 7.5 D _{Iso} = 5.5 |
| 5-1241410-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241410-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 2-1241408-3 | A | | | CuNiSi | SILVER PLATED versilbert | | | | | | |
| 1-1241408-3 | A | 4.0-6.0 | 3.4-4.3 | CuNiSi | SILVER PLATED versilbert | 4.5 | 6.0 | 7.8 | 19.95 | E = 5.3 G = 5.6 D _{Dr} = 2.9 | H = 6.7 K = 7.0 D _{Iso} = 3.9 |
| 1241408-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241406-3 | A | >2.5-4.0 | 3.4-4.5 | CuNiSi | SILVER PLATED versilbert | 4.0 | 5.2 | 6.8 | 19.05 | E = 4.6 G = 4.8 D _{Dr} = 2.4 | H = 6.4 K = 6.7 D _{Iso} = 4.0 |
| 1241406-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241404-3 | A | >1.0-2.5 | 2.2-3.0 | CuNiSi | SILVER PLATED versilbert | 3.5 | 4.7 | 6.3 | 19.05 | E = 3.8 G = 4.0 D _{Dr} = 1.7 | H = 4.7 K = 4.9 D _{Iso} = 2.6 |
| 1241404-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 1241402-3 | A | 0.5-1.0 | 1.4-2.1 | CuNiSi | SILVER PLATED versilbert | 3.0 | 4.2 | 5.8 | 19.05 | E = 2.8 G = 3.0 D _{Dr} = 1.1 | H = 3.8 K = 4.1 D _{Iso} = 1.8 |
| 1241402-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |
| 5-1241400-1 | A | 0.2-0.5 | 1.1-1.6 | CuNiSi | TIN PLATED verzinkt | 2.5 | 3.8 | 6.6 | 19.05 | E = 2.2 G = 2.2 D _{Dr} = 0.8 | H = 3.1 K = 3.1 D _{Iso} = 1.4 |
| 1241400-1 | A | | | CuNiSi | TIN PLATED verzinkt | | | | | | |



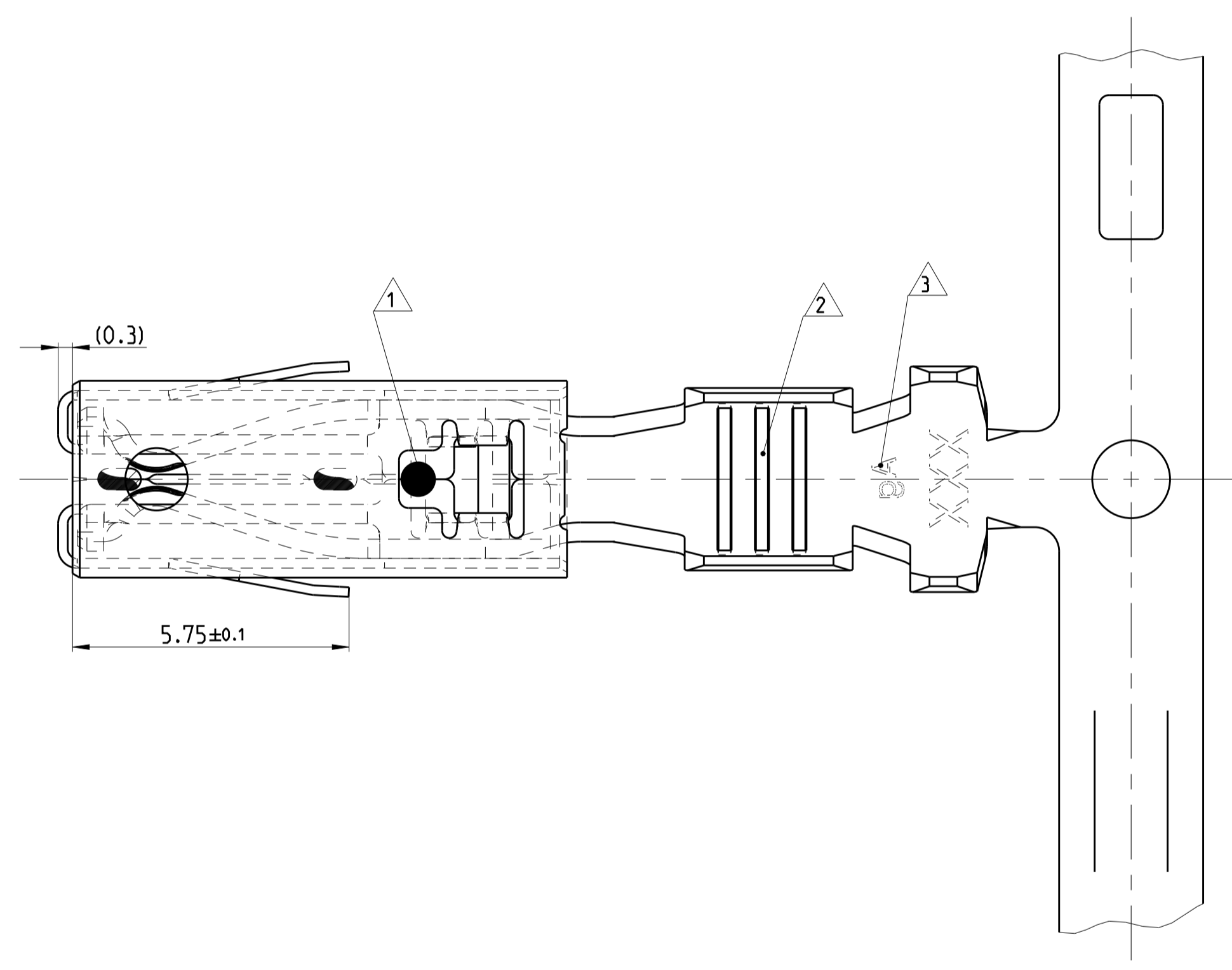
- NOTES
 Bemerkungen
- 1 LASERWELDED
Lasergeschweisht
 - 2 SINGLE WIRE SEAL TO BE SELECTED ACCORDING TO INSULATION-Ø
Auswahl der Einzeldichtung entsprechend dem Isolations-Ø
 - 3 DIFFERENT FORM AND NUMBER OF THE SERRATIONS POSSIBLE
Unterschiedliche Ausfuehrung und Anzahl der Ritzen moeglich
 - 4 SILVER PLATED VERSIONS ARE MARKED WITH "Ag"
Versilberte Versionen sind mit "Ag" gekennzeichnet
 - 5 DIFFERENT ASSEMBLY CAUSED BY PRODUCTION OF THE SPRING ON THE BODY.
SPOTWELDS CAN BE ABOVE OR DOWN.
Fertigungsbedingte unterschiedliche Montage der Ueberfeder auf dem Body moeglich.
Der Stoss kann sich oben oder unten befinden.
 - 6 USED WITH TAB 0.8±0.03mm x 4.8 ... 6.3 ±0.1mm
Verwendet mit Flachstecker 0.8±0.03mm x 4.8 ... 6.3 ±0.1mm
 - 7 "Ag" MARKING ON SILVER PLATED VERSIONS FOR INCREASED LIMIT TEMPERATURE
"Ag" Markierung auf versilberten Versionen fuer erhoehte Grenztemperatur
 - 8 1241400-1 nicht fuer Neuanwendungen, wird ersetzt durch 5-1241400-1
1241410-1 nicht fuer Neuanwendungen, wird ersetzt durch 5-1241410-1
1241410-3 nicht fuer Neuanwendungen, wird ersetzt durch 5-1241410-3
1241400-1 SUPERSEDED BY PN 5-1241400-1
1241410-1 SUPERSEDED BY PN 5-1241410-1
1241410-3 SUPERSEDED BY PN 5-1241410-3

| | | | |
|--|------|--|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DRW R. Meier | 03DEC2001 |
| DIMENSIONS: mm | | CHK R. Schaefer | 03DEC2001 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD M. Bleicher | 28OCT2011 |
| 0-PLC | ±0.2 | NAME AMP MCP6.3/4.8K FLATCONTACT | |
| 1-PLC | ±0.2 | PRODUCT SPEC AMP MCP6.3/4.8K Flachkontakt | |
| 2-PLC | ±0.2 | APPLICATION SPEC PRODUCT GROUP DRAWING | |
| 3-PLC | ±0.2 | SIZE A1 | |
| 4-PLC | ±0.2 | CAGE CODE 00779 | |
| ANGLES | ±0.1 | DRAWING NO. 1241438 | |
| FINISH | ±0.1 | RESTRICTED TO Customer Drawing | |
| WEIGHT | | SCALE 5:1 | |
| MATERIAL | | SHEET 1 of 2 | |
| REV. A15 | | REV. A15 | |

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| A1 | - | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | | SEE SHEET 1 | | | |

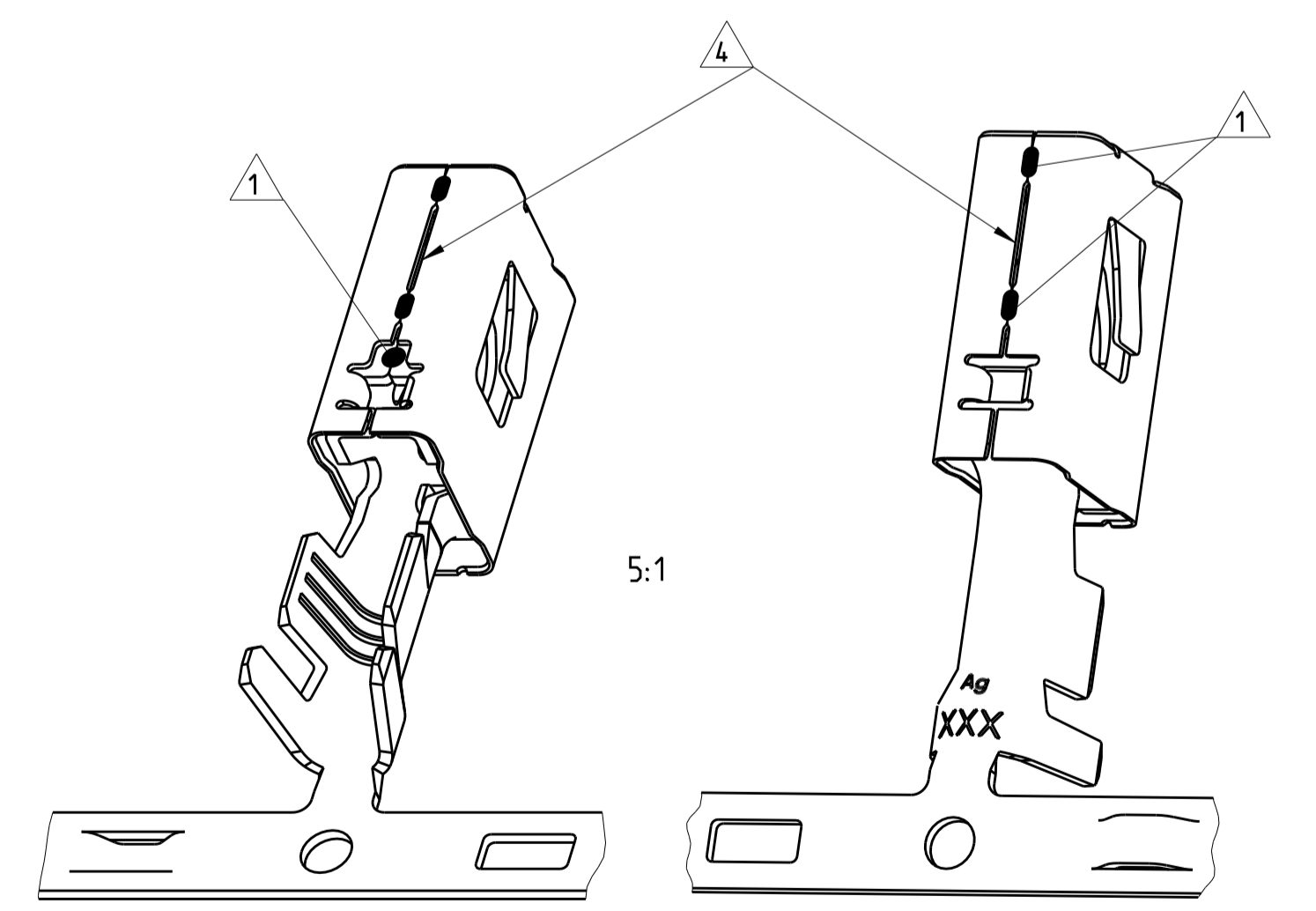


SPRING / Ueberfeder
 MATERIAL: X10CrNi18-8



NOTES
 Bemerkungen

- 1 LASERWELDED
Lasergeschweisst
- 2 DIFFERENT FORM AND NUMBER OF THE SERRATIONS POSSIBLE
Unterschiedliche Ausuehrung und Anzahl der Rillen moeglich
- 3 SILVER PLATED VERSIONS ARE MARKED WITH "Ag"
Versilberte Versionen sind mit "Ag" gekennzeichnet
- 4 DIFFERENT ASSEMBLY CAUSED BY PRODUCTION OF THE SPRING ON THE BODY.
SPOTWELDS CAN BE ABOVE OR DOWN.
Fertigungsbedingte unterschiedliche Montage der Ueberfeder auf dem Body moeglich.
Der Stoss kann sich oben oder unten befinden.
- 5 USED WITH MEDIUM FUSE 0.64±0.04mm x 5.25 ±0.15mm
(COMPLIANT WITH ATO® FUSE TECHNOLOGY)
ATO® IS A REGISTERED TRADE MARK OF LITTELFUSE INC.
Verwendet mit Medium Sicherung 0.64±0.04mm x 5.25 ±0.15mm
(kompatibel mit ATO®-fuse Technologie)
ATO® ist ein eingetragener Markenname von Littelfuse Inc.



| ORDER NO. STRIP Bestell-Nr. Bandware | Rev. | WIRE RANGE Drahtgroessen Bereich (mm 2) | INSULATION- Ø Isolations- Ø (mm) | MATERIAL Werkstoff | SURFACE IN CONTACT AREA Oberflaeche im Kontaktbereich | A | B | C | F | WIRE CRIMP Drahtcrimp | INSULATION CRIMP Isolations Crimp |
|---|------|--|--|-----------------------|--|-----|-----|-----|-------|---|--|
| 1-2177995-3 | A | >4.0-6.0 | 4.0-4.3 | CuNiSi | SILVER PLATED versilbert | 4.5 | 6.0 | 7.8 | 19.95 | E = 5.3 G = 5.6 D _{Dr} = 2.9 | H = 6.7 K = 7.0 D _{Iso} = 3.9 |
| - | - | | | | - | | | | | | |
| 1-2208461-3 | A | >2.5-4.0 | 3.3-4.5 | CuNiSi | SILVER PLATED versilbert | 4.0 | 5.2 | 6.8 | 19.05 | E = 4.6 G = 4.8 D _{Dr} = 2.4 | H = 6.4 K = 6.7 D _{Iso} = 4.0 |
| - | - | | | | - | | | | | | |
| 1-2208460-3 | A | >1.0-2.5 | 2.2-3.0 | CuNiSi | SILVER PLATED versilbert | 3.5 | 4.7 | 6.3 | 19.05 | E = 3.8 G = 4.0 D _{Dr} = 1.7 | H = 4.7 K = 4.9 D _{Iso} = 2.6 |
| - | - | | | | - | | | | | | |
| 1-2208459-3 | A | 0.5-1.0 | 1.4-2.1 | CuNiSi | SILVER PLATED versilbert | 3.0 | 4.2 | 5.8 | 19.05 | E = 2.8 G = 3.0 D _{Dr} = 1.1 | H = 3.8 K = 4.1 D _{Iso} = 1.8 |
| - | - | | | | - | | | | | | |

CRIMP DIMENSION
 Crimpabmessungen (mm)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2

MATERIAL: -

FINISH: -

Customer Drawing

DWN: J.Kirschbaum 12DEC2013
 CHK: A.Mairhofer 13DEC2013
 APVD: C.Goedel 13DEC2013

NAME: AMP MCP6.3/4.8K FLATCONTACT
 AMP MCP6.3/4.8K Flachkontakt
 PRODUCT GROUP DRAWING

SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 1241438

RESTRICTED TO: -

SCALE: 10:1
 SHEET: 2 OF 2
 REV: A15