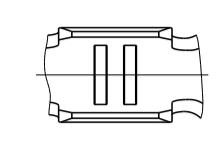
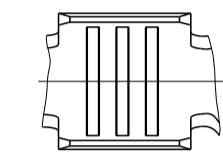


**SERRATION DESIGN**  
Serration Ausfuehrung  $\text{F14}$

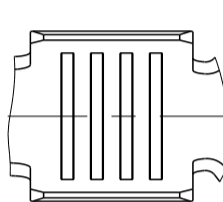
DESIGN / Ausfuehrung  
0,5 - 1,0mm<sup>2</sup>



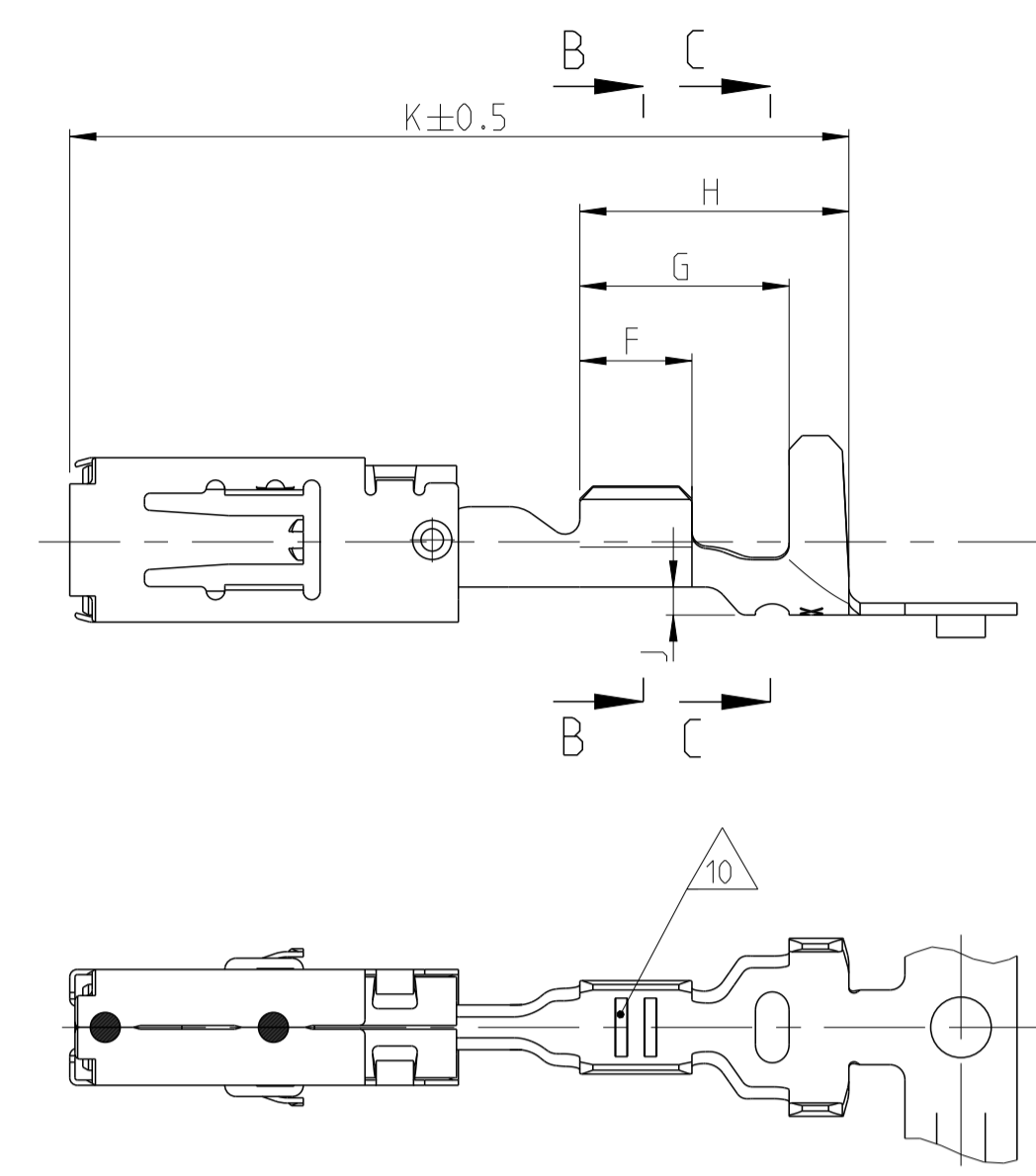
DESIGN / Ausfuehrung  
0,2 - 0,5mm<sup>2</sup>  
1,5 - 2,5mm<sup>2</sup>  
12 AWG



DESIGN / Ausfuehrung  
4,0mm<sup>2</sup>



**SINGLE WIRE SEAL**  
Einzeldichtungssystem



| REVISIONS |      |  |           |            |
|-----------|------|--|-----------|------------|
| P.        | LTN. | DESCRIPTION  | DATE      | APPROV.    |
| J11       |      | NOTE B ADDED. TABLE UPDATE WITH PNs 1-...-4                | 17MAY2017 | MAH. SBEC  |
| J12       |      | Pns 1-968855-4, 1-968857-4, 1-968859-4 OBSOLETE ON DRW.    | 05MAR2018 | MAH. SBEC  |
| J13       |      | Added PN 2-968851-3, 2-968853-3, 2-968857-3 and 2-968859-3 | 07MAY2018 | FRAN. BECK |
| J14       |      | Obsolete PN 1-968882-1/-2/-3; PN 1-968880-1/-3             | 11NOV2020 | FRAN. BECK |

| VERSION | Ausfuehrung | ORDER-NO.<br>STRIP-FORM | REV | BODY | MATERIAL | SURFACE | WIRE SIZE RANGE | INSULATION DIAMETER | CRIMP DIMENSIONS / Crimpabmessungen mm |     |                 |     |     |                  |     |     |     |      |      | WEIGHT | SINGLE WIRE SEAL | TE CONNECTIVITY NO. | TE CONNECTIVITY NO. | APPLICATION TOOLS |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------|-------------|-------------------------|-----|------|----------|---------|-----------------|---------------------|--|-----|-----------------|-----|-----|------------------|-----|-----|-----|------|------|--------|------------------|---------------------|---------------------|-------------------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|         |             |                         |     |      |          |         |                 |                     | A                                      | B   | $\text{D}_{DR}$ | C   | E   | $\text{D}_{ISO}$ | F   | G   | H   | J    | K    |        |                  |                     |                     |                   | Gewicht |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 12 AWG          | 3.0                 | 4.0                                    | 4.2 | 2.0             | 5.0 | 5.0 | 3.5              | 3.5 | 5.9 | 7.5 | 0.8  | 21.0 | 0.59   | 828905-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 4               | 3.4                 | 4.5                                    | 4.7 | 2.3             | 6.0 | 6.0 | 4.3              | 4.3 | 7.0 | 8.5 | 1.25 | 22.6 | 0.65   | 828985-1         | 828986-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 1.5             | 2.2                 | 3.6                                    | 3.8 | 1.7             | 5.0 | 5.0 | 3.5              | 3.5 | 6.0 | 7.6 | 0.8  | 21.0 | 0.58   | 828905-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 2.5             | 3.0                 | 2.5                                    | 2.7 | 1.2             | 4.8 | 4.8 | 3.3              | 3.0 | 5.6 | 7.2 | 0.75 | 21.0 | 0.54   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.5             | 1.4                 | 2.5                                    | 2.7 | 1.2             | 4.8 | 4.8 | 3.3              | 3.0 | 5.6 | 7.2 | 0.75 | 21.0 | 0.54   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 1.0             | 2.1                 | 2.5                                    | 2.7 | 1.2             | 4.8 | 4.8 | 3.3              | 3.0 | 5.6 | 7.2 | 0.75 | 21.0 | 0.54   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.2             | 1.2                 | 2.4                                    | 2.3 | 1.0             | 4.5 | 4.5 | 3.2              | 2.5 | 5.1 | 6.7 | 0.75 | 21.0 | 0.52   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.5             | 1.4                 | 2.4                                    | 2.3 | 1.0             | 4.5 | 4.5 | 3.2              | 2.5 | 5.1 | 6.7 | 0.75 | 21.0 | 0.52   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.2             | 1.2                 | 2.1                                    | 2.1 | 0.8             | 4.5 | 4.5 | 3.2              | 2.5 | 5.1 | 6.7 | 0.75 | 21.0 | 0.52   | 828904-1         | 828922-1            |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 4               | 2.7                 | 4.5                                    | 4.7 | 2.3             | 5.7 | 5.9 | 3.3              | 4.3 | 6.8 | 8.7 | 0.8  | 22.6 | 0.65   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 1.5             | 2.2                 | 3.6                                    | 3.8 | 1.7             | 4.6 | 5.0 | 2.6              | 3.5 | 5.1 | 6.7 | 0.3  | 20.2 | 0.56   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 2.5             | 3.0                 | 2.5                                    | 2.7 | 1.2             | 4.6 | 5.0 | 2.6              | 3.5 | 5.1 | 6.7 | 0.3  | 20.2 | 0.56   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.5             | 1.4                 | 2.5                                    | 2.7 | 1.2             | 3.3 | 3.5 | 1.8              | 3.0 | 4.6 | 6.2 | 0.2  | 20.2 | 0.51   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 1.0             | 2.1                 | 2.5                                    | 2.7 | 1.2             | 3.3 | 3.5 | 1.8              | 3.0 | 4.6 | 6.2 | 0.2  | 20.2 | 0.51   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.2             | 1.2                 | 2.4                                    | 2.3 | 1.0             | 2.9 | 2.9 | 1.4              | 2.5 | 3.8 | 5.7 | 0.2  | 20.2 | 0.48   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.5             | 1.4                 | 2.4                                    | 2.3 | 1.0             | 2.9 | 2.9 | 1.4              | 2.5 | 3.8 | 5.7 | 0.2  | 20.2 | 0.48   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.2             | 1.2                 | 2.1                                    | 2.1 | 0.8             | 2.9 | 2.9 | 1.4              | 2.5 | 3.8 | 5.7 | 0.2  | 20.2 | 0.48   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |             |                         |     |      |          |         | 0.5             | 1.4                 | 2.1                                    | 2.1 | 0.8             | 2.9 | 2.9 | 1.4              | 2.5 | 3.8 | 5.7 | 0.2  | 20.2 | 0.48   | -                | -                   |                     |                   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

SEE APPLICATION SPECIFICATION 114-18148  
siehe Verarbeitungsspezifikation 114-18148

NOTES:  
Bemerkungen:

- MATING PART SEE INTERFACE DRAWING  
TE-NO.: 114-18230-002  
Gegenstecker nach Ausfuehrungsvorschrift  
TE-Nr.: 114-18230-002
- 4** SURFACE:  
- PRE TIN PLATED 1 TO 3  $\mu\text{m}$   
- GOLD PLATED MIN. 2  $\mu\text{m}$  (ONLY CONTACT AREA)  
- SILVER PLATED 3 TO 5  $\mu\text{m}$  (ONLY CONTACT AREA)  
Oberflaeche:  
- verzinkt 1 bis 3  $\mu\text{m}$   
- vergoldet min. 2  $\mu\text{m}$  (nur Kontaktzone)  
- versilbert 3 bis 5  $\mu\text{m}$  (nur Kontaktzone)
- DOUBLE CRIMPS ARE ONLY POSSIBLE WITH APPLICATORS AUTHORIZED BY TE (NO HAND TOOL)  
SUITABLE TOOLS ON REQUEST  
Doppelanschlaege sind nur mit von TE zugelassenen Anschlagwerkzeugen moeglich (keine Handzangen)  
passende Werkzeuge auf Anfrage
- 4** GAUGE INSPECTION  
Lehrenpruefung
- DETAILS OF DESIGN ARE LEFT TO MANUFACTURER  
Einzelheiten der Ausfuehrung bleiben dem Hersteller ueberlassen
- ONLY GERMAN LANGUAGE VERSION SHALL BE BINDING  
Massgebend ist der deutsche Text
- PUNCHING OIL RAZIOL CLF 11 SG  
Stanzoeel:
- 4** "Ag+" MARKING ON SILVER PLATED VERSIONS FOR INCREASED LIMIT TEMPERATURE  
"Ag+" Markierung auf versilberten Versionen fuer erhoehte Grenztemperatur
- 4** 968880 nicht fuer Neuanwendungen, wird ersetzt durch 2141857  
**4** 968882 nicht fuer Neuanwendungen, wird ersetzt durch 2141859  
**4** 968880 SUPERSEDED BY PN 2141857  
**4** 968882 SUPERSEDED BY PN 2141859
- 4** Unterschiedliche Ausfuehrung und Anzahl der Rillen moeglich  
DIFFERENT FORM AND NUMBER OF THE SERRATIONS POSSIBLE

|  |  |  |           |                  |   |
|--|--|--|-----------|------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                 |  | OWN  | S. Blidar | 22SEP97          | <br>TE Connectivity<br>PRODUCT GROUP DRAWING FOR<br>Tabellenzeichnung fuer<br>AMP MCP 2.8 |
| DIMENSIONS:  |  | CHK  | G. Hotea  | 22SEP97          |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                 |  | APVD   | J. Woller | 22SEP97          |   |
| mm   |  |  |           | NAME             |   |
| <br>$\pm 0.2$<br>$\pm 0.1$<br>$\pm 0.05$<br>$\pm 0.02$ |  | <br>$\pm 0.2$<br>$\pm 0.1$<br>$\pm 0.05$<br>$\pm 0.02$ |           | PRODUCT SPEC     |   |
| MATERIAL   |  | FINISH   |           | APPLICATION SPEC | SIZE  |
|  |  |  |           | 108-18513        | A1  |
|  |  |  |           | 114-18148        | CAGE CODE   |
|  |  |  |           | WEIGHT           | 00779   |
|  |  |  |           | CUSTOMER DRAWING | DRAWING NO  |
|  |  |  |           | SCALE            | 5:1   |
|  |  |  |           | SHEET            | 1 OF 1  |
|  |  |  |           | REV              | J14   |

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