

THIS DRAWING IS UNPUBLISHED

RELEASED FOR PUBLICATION

2016

© COPYRIGHT 2016

TE Connectivity Germany GmbH

ALL RIGHTS RESERVED.

1

SUBASSEMBLY SOCKET OUTER CONTACT  
Subassembly Buchsenkontakt

SECTION A-A

UNWINDING DIRECTION

2:1

DIE FEED 15±0.05 mm

2

SOCKET CENTER CONTACT  
Innenleiter Buchsenkontakt

2:1

DIE FEED 4.5±0.05 mm

3

FERRULE  
Stuetzhuelse C6

2:1

DIE FEED 12±0.05 mm

REVISIONS

| P  | LTR | DESCRIPTION                              | DATE      | DWN | APVD |
|----|-----|------------------------------------------|-----------|-----|------|
| C3 |     | ECR-20-002498                            | 16APR2020 | KM  | CS   |
| C4 |     | ECR-20-005602                            | 16APR2020 | KM  | CS   |
| C5 |     | GAP SIZE TOL ADDED                       | 21SEP2021 | SA  | CS   |
| C6 |     | FERRULE IS OPTIMIZED FOR BETTER CRIMPING | 15JUL2024 | ODC | CS   |

2298126-1

2:1

DIE FEED 12±0.05 mm

2298126-2

2:1

DIE FEED 12±0.05 mm

NOTES  
Bemerkungen

1

WEIGHT WITHOUT CARRIER STRIP  
Gewicht ohne Trägerstreifen

2

CONTACT KIT PART NUMBER FOR REFERENCE ONLY  
Kontaktkit Teilenummer nur zur Referenz  
Komponenten sind einzeln zu bestellen

3

ALLOWED AREA FOR CONTACT GRIPPING  
FOR CABLE TERMINATION  
Zulaessiger Bereich zum Greifen des  
Kontaktes bei der Kabelverarbeitung

4

DURING THE PROCESSING, THE CONTACT  
MAY BE LOADED WITH MAX. 30N IN AXIAL DIRECTION  
Bei der Verarbeitung darf der Kontakt an  
gezeigter Stelle axial mit max. 30N belastet werden

5

ALTERNATIVE 2298126-2 (=2298126-1 IN OPPOSITE REELING DIRECTION)  
Alternativ 2298126-2 (=2298126-1 in entgegengesetzter Wickelrichtung)

|                            |                 |                          |                         |                                         |                                                                     |                                          |               |              |      |
|----------------------------|-----------------|--------------------------|-------------------------|-----------------------------------------|---------------------------------------------------------------------|------------------------------------------|---------------|--------------|------|
| 2298488-1                  | 1               | 2298126-1                | D                       | FERRULE, RTK031<br>Stuetzhuelse, RTK031 | STAINLESS<br>STEEL                                                  | PLAIN<br>Blank                           | 0.035         | 3            |      |
|                            | 1               | 2298121-1                |                         | B                                       | SOCKET CENTER CONTACT, RTK031<br>Innenleiter Buchsenkontakt, RTK031 | CuSn                                     | Ag            | 0.02         | 2    |
|                            | 1               | 2298116-1                |                         |                                         | C                                                                   | SUB-ASSEMBLY<br>SOCKET CONTACT<br>RTK031 | CuSn          | Sn           | 0.39 |
|                            |                 |                          | Socket<br>Outer Contact | PBT                                     |                                                                     | Green RAL 6018<br>Similar                |               |              |      |
| CONTACT KIT<br>PART NUMBER | PIECE<br>Stueck | COMPONENT<br>PART NUMBER | REV.                    | DESCRIPTION<br>Benennung                | MATERIAL<br>Werkstoff                                               | SURFACE<br>Oberflaeche                   | WEIGHT<br>(g) | ITEM<br>Pos. |      |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL  
-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±0.2  
1 PLC ±0.2  
2 PLC ±0.2  
3 PLC ±  
4 PLC ±  
ANGLES ±1°  
FINISH -

DWN  
L. Nguyen 03MAR2016

CHK  
Olivier De Cloet 03MAR2016

APVD  
C. Schrettlinger 03MAR2016

PRODUCT SPEC  
108-94515

APPLICATION SPEC  
114-94413

WEIGHT  
-

CUSTOMER DRAWING

NAME  
MATE-AX 180DEG SOCKET CONT. ASSY  
MATE-AX 180Grad Buchsenk., Assy  
CABLE RTK031

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=2298488

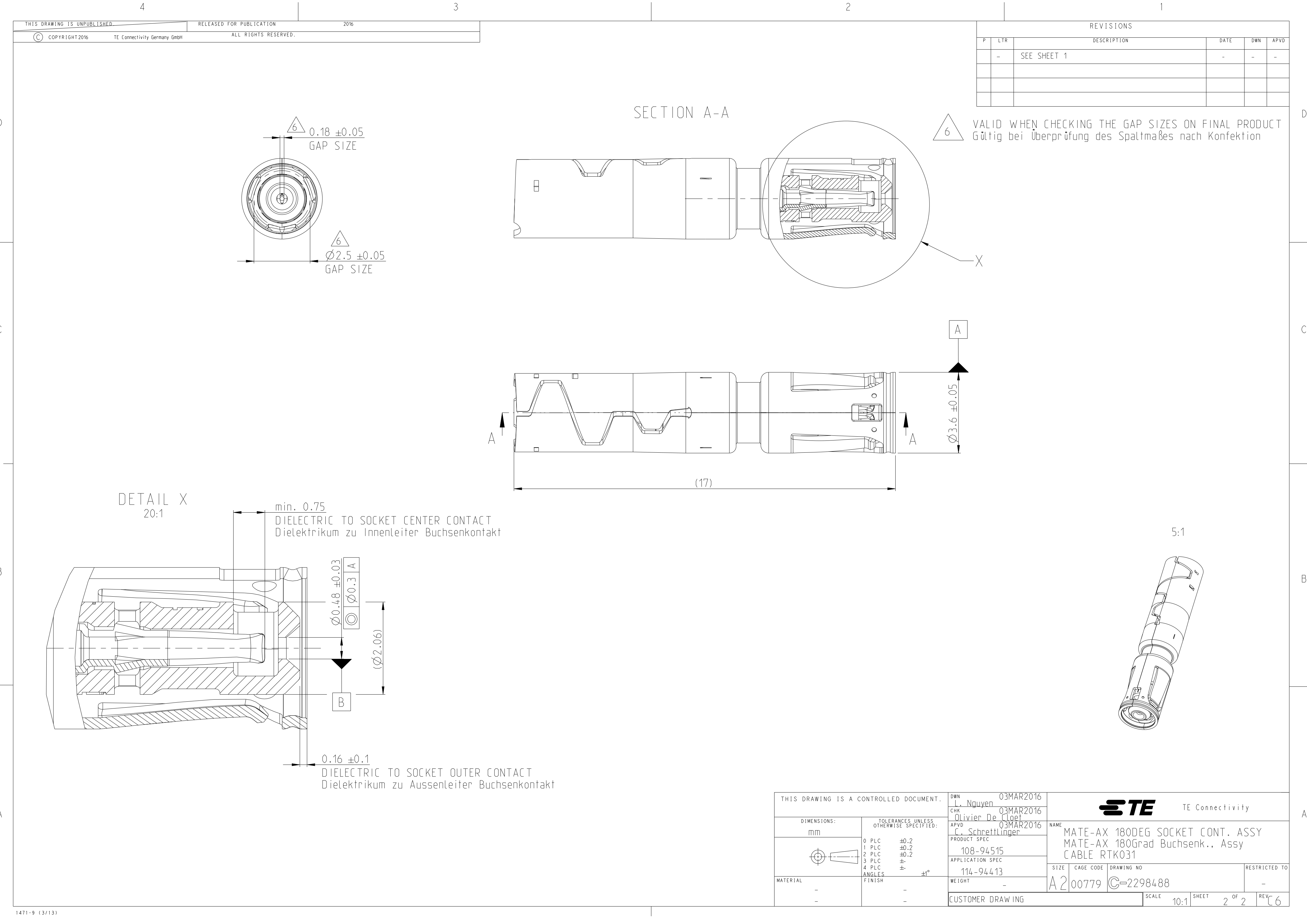
RESTRICTED TO  
-

SCALE  
10:1

SHEET  
1 OF 2

REV  
C6

1471-9 (3/13)



|                              |  |                              |  |                      |  |
|------------------------------|--|------------------------------|--|----------------------|--|
| THIS DRAWING IS UNPUBLISHED. |  | RELEASED FOR PUBLICATION     |  | 2016                 |  |
| © COPYRIGHT 2016             |  | TE Connectivity Germany GmbH |  | ALL RIGHTS RESERVED. |  |

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

|                                        |  |                  |           |                                                                                                       |  |
|----------------------------------------|--|------------------|-----------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | 03MAR2016 |  TE Connectivity |  |
|                                        |  | CHK              | 03MAR2016 |                                                                                                       |  |
|                                        |  | APVD             | 03MAR2016 | NAME                                                                                                  |  |
|                                        |  |                  |           |                                                                                                       |  |
|                                        |  | PRODUCT SPEC     | 108-94515 | SIZE                                                                                                  |  |
|                                        |  | APPLICATION SPEC | 114-94413 |                                                                                                       |  |
|                                        |  | WEIGHT           | -         | CAGE CODE                                                                                             |  |
|                                        |  |                  |           |                                                                                                       |  |
|                                        |  | CUSTOMER DRAWING |           | DRAWING NO                                                                                            |  |
|                                        |  |                  |           |                                                                                                       |  |
|                                        |  | SCALE            | 10:1      | SHEET                                                                                                 |  |
|                                        |  |                  |           |                                                                                                       |  |
|                                        |  | REV              | 6         | RESTRICTED TO                                                                                         |  |
|                                        |  |                  |           |                                                                                                       |  |

|             |  |                                        |      |
|-------------|--|----------------------------------------|------|
| DIMENSIONS: |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |      |
| mm          |  |                                        |      |
|             |  | 0 PLC                                  | ±0.2 |
|             |  | 1 PLC                                  | ±0.2 |
|             |  | 2 PLC                                  | ±0.2 |
|             |  | 3 PLC                                  | ±    |
|             |  | 4 PLC                                  | ±    |
|             |  | ANGLES                                 | ±°   |
|             |  | FINISH                                 |      |
|             |  |                                        |      |
|             |  |                                        |      |

|          |  |  |  |
|----------|--|--|--|
| MATERIAL |  |  |  |
|          |  |  |  |
|          |  |  |  |