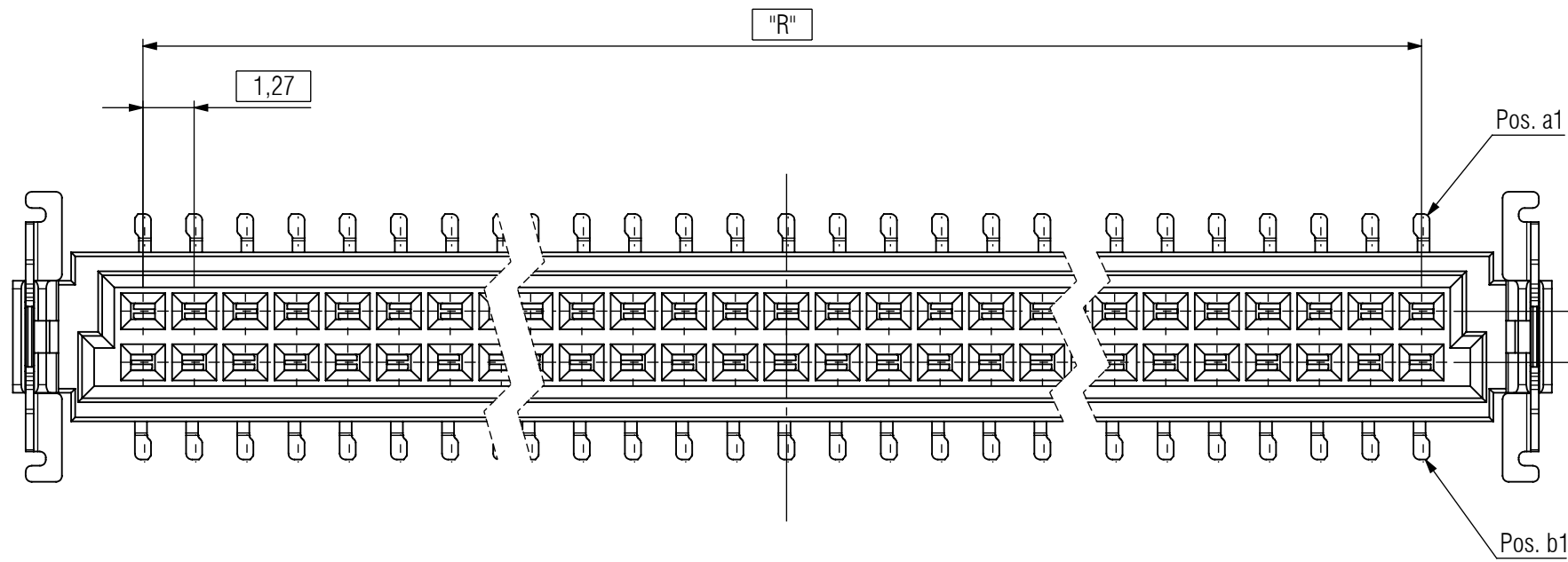
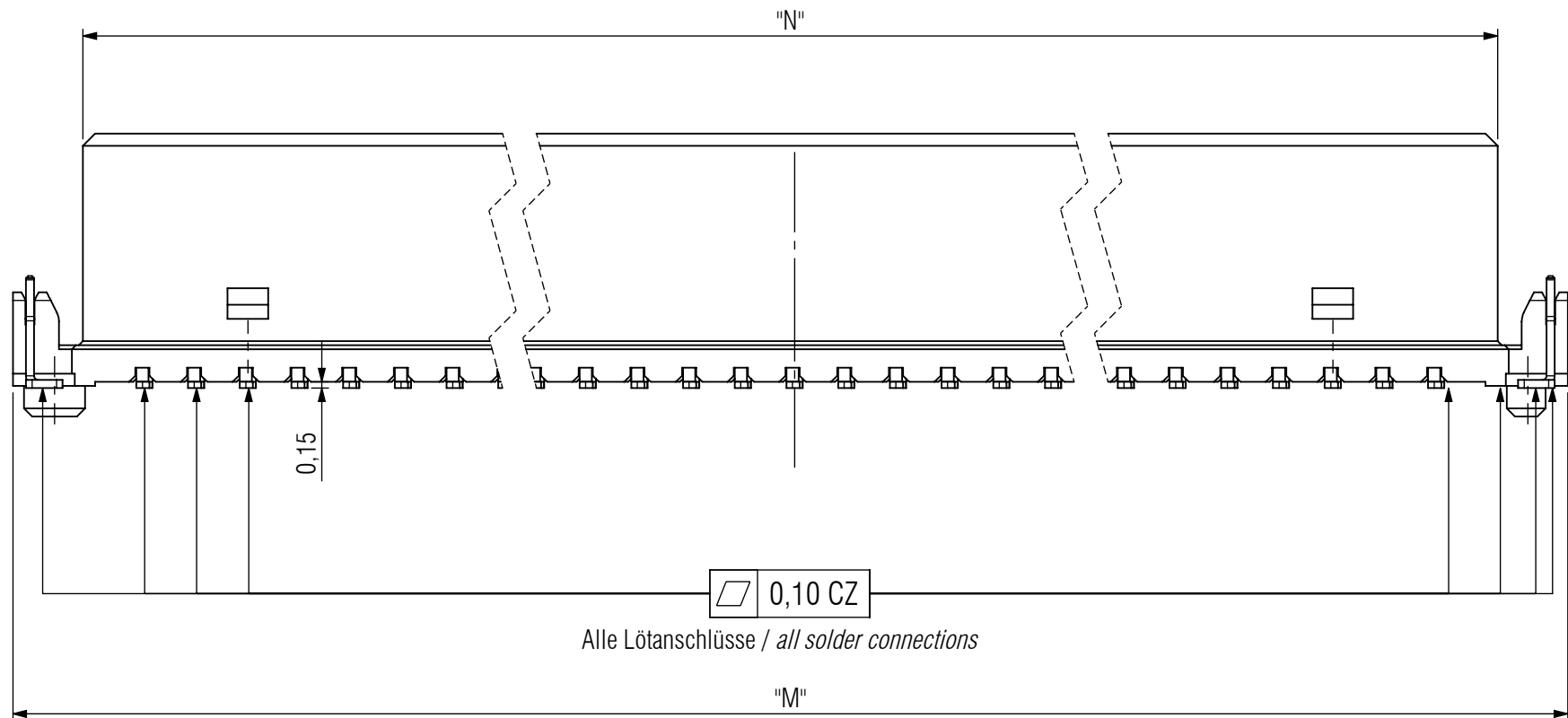
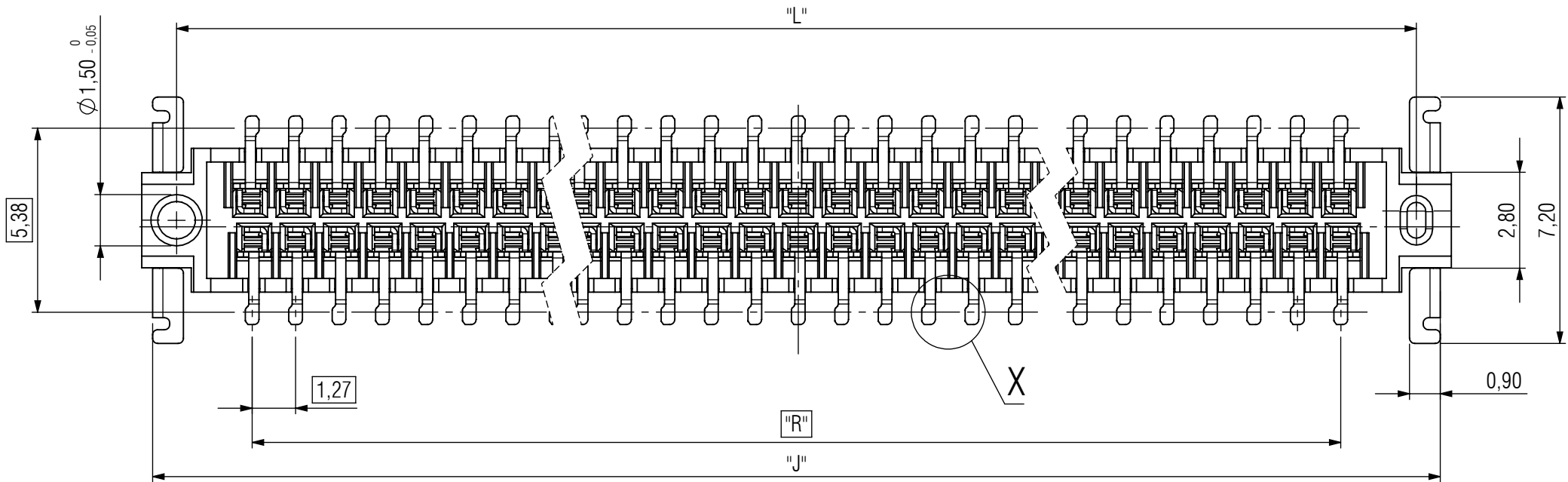
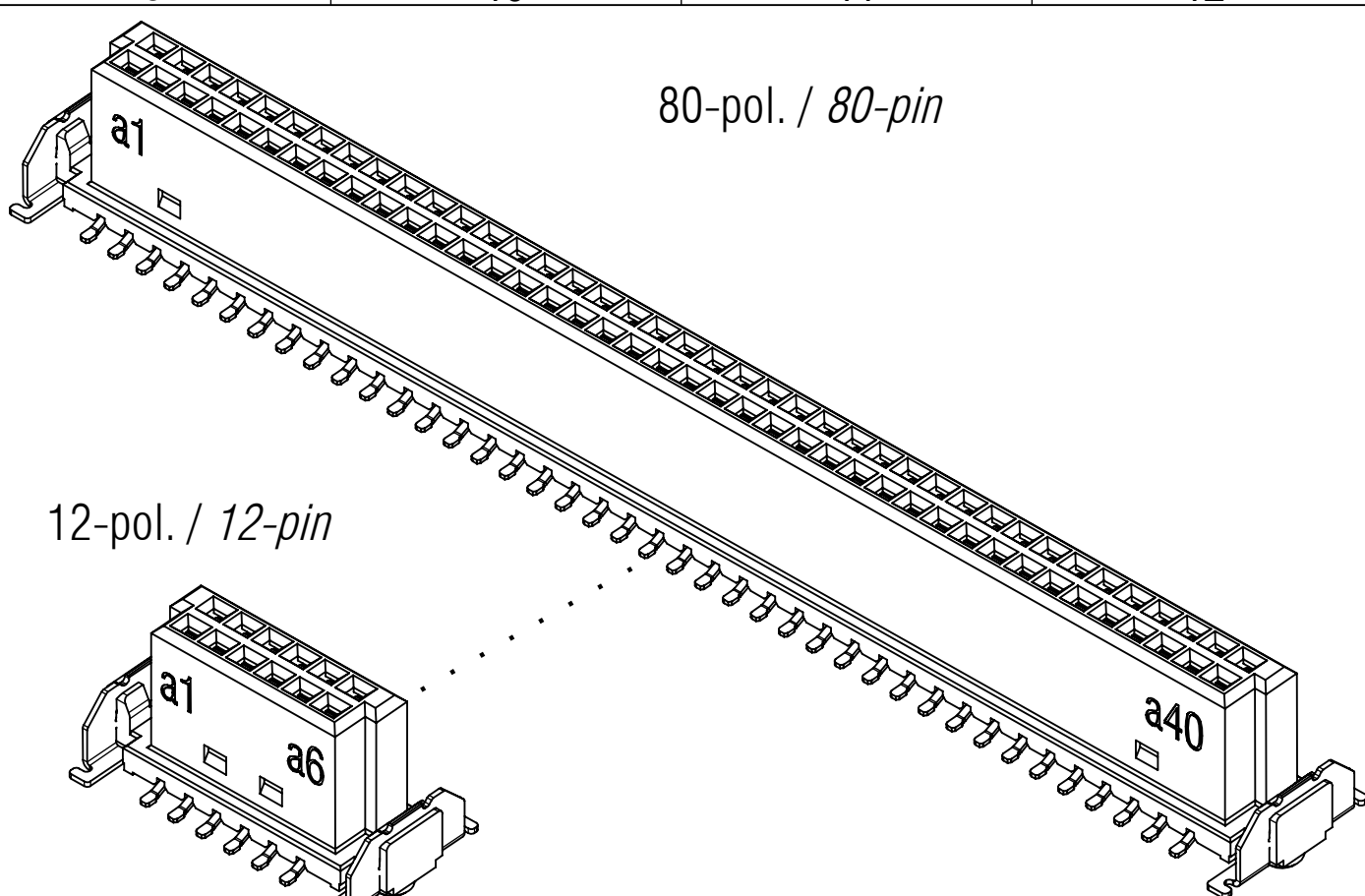
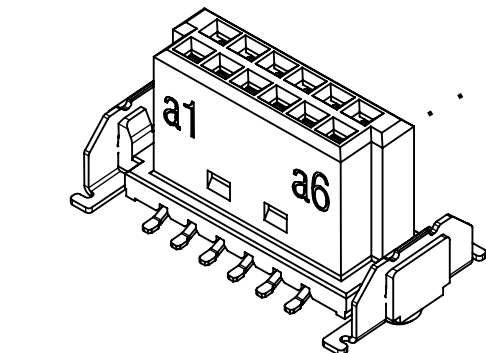
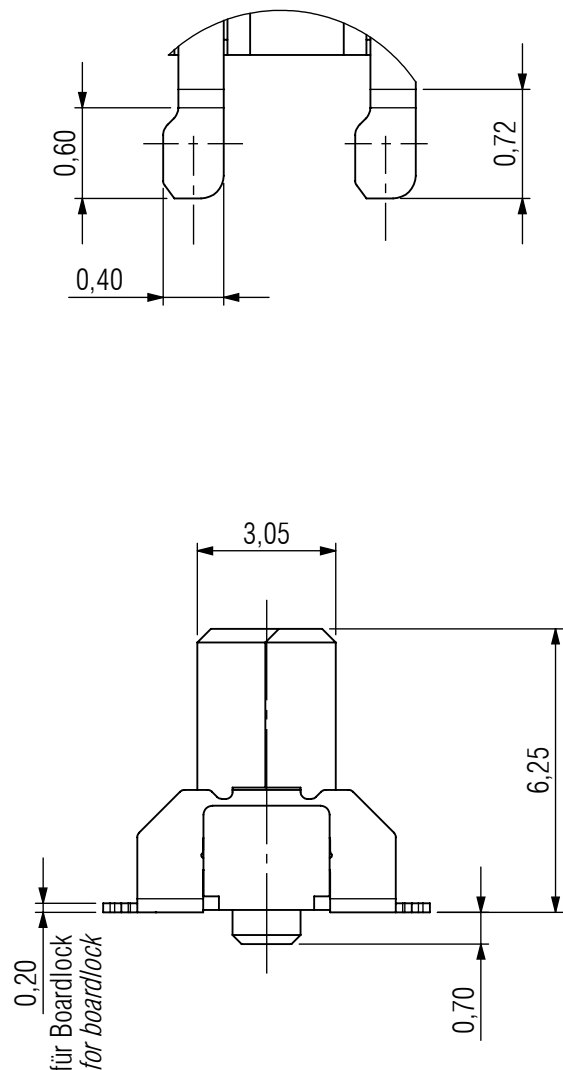


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X 20 : 1



#### Bemerkungen:

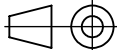
Werkstoffe  
Isolierkörper: LCP UL94 V-0  
Signalkontakt: Kupferlegierung  
Board-Lock: Kupferlegierung  
Kontaktoberflächen  
Anforderungsstufe 1 (min. 500 Steckzyklen)

#### Notes:

Material  
Insulator: LCP UL94 V-0  
Signal-Contact: Copper Alloy  
Board-Lock: Copper Alloy  
Contact Surface  
Performance Level 1 (min. 500 mating cycles)

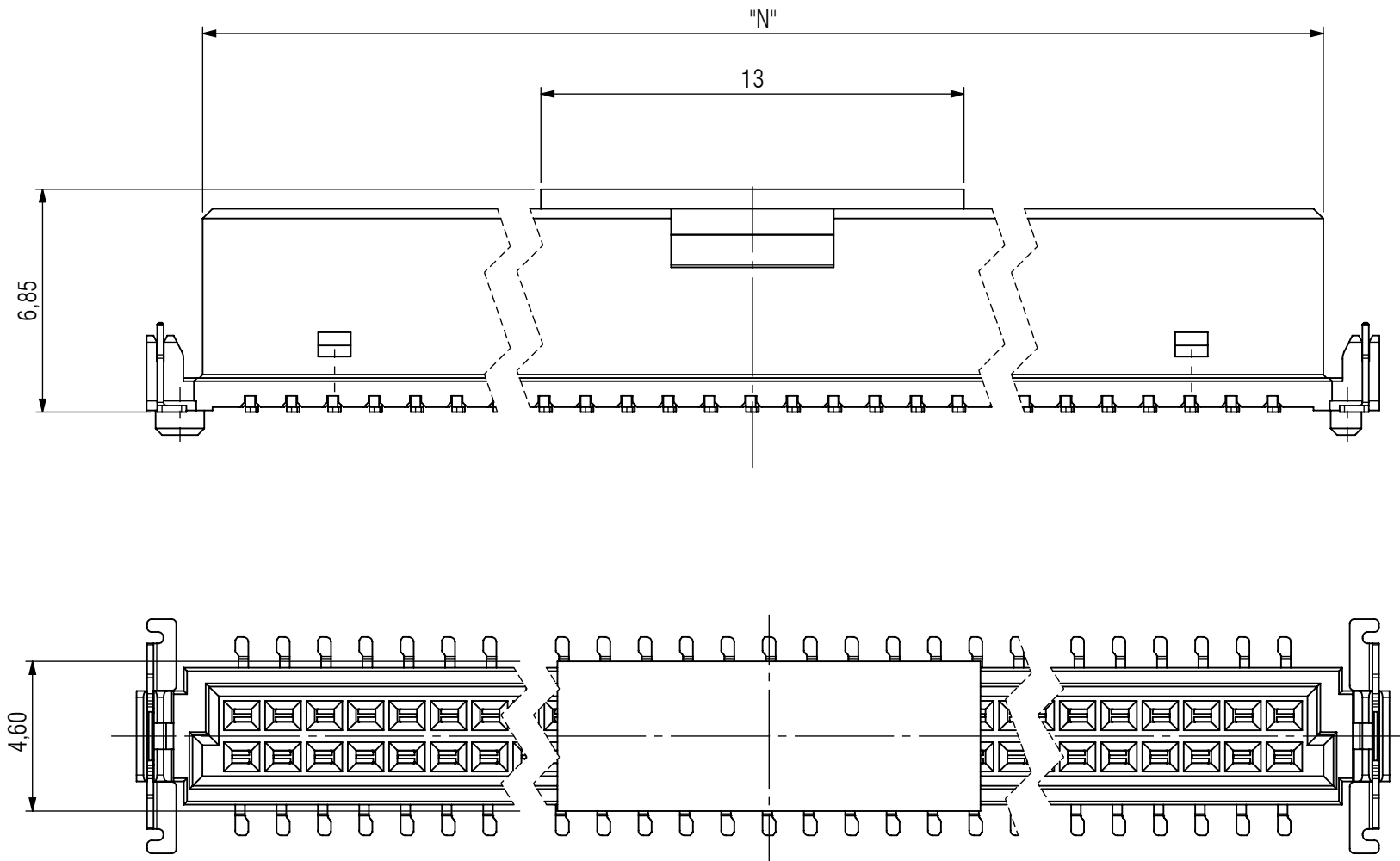
| Artikelnummer<br>part number | Beschreibung<br>description | Maß "J"<br>dimension "J" | Maß "L"<br>dimension "L" | Maß "M"<br>dimension "M" | Maß "N"<br>dimension "N" | Maß "R"<br>dimension "R" |
|------------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 404-52012-51                 | 12-polig / 12-pin           | 12,17                    | 10,77                    | 12,81                    | 9,37                     | 6,35                     |
| 404-52016-51                 | 16-polig / 16-pin           | 14,71                    | 13,31                    | 15,35                    | 11,91                    | 8,89                     |
| 404-52020-51                 | 20-polig / 20-pin           | 17,25                    | 15,85                    | 17,89                    | 14,45                    | 11,43                    |
| 404-52026-51                 | 26-polig / 26-pin           | 21,06                    | 19,66                    | 21,70                    | 18,26                    | 15,24                    |
| 404-52032-51                 | 32-polig / 32-pin           | 24,87                    | 23,47                    | 25,51                    | 22,07                    | 19,05                    |
| 404-52040-51                 | 40-polig / 40-pin           | 29,95                    | 28,55                    | 30,59                    | 27,15                    | 24,13                    |
| 404-52050-51                 | 50-polig / 50-pin           | 36,30                    | 34,90                    | 36,94                    | 33,50                    | 30,48                    |
| 404-52068-51                 | 68-polig / 68-pin           | 47,73                    | 46,33                    | 48,37                    | 44,93                    | 41,91                    |
| 404-52080-51                 | 80-polig / 80-pin           | 55,35                    | 53,95                    | 55,99                    | 52,55                    | 49,53                    |

Technische Änderungen vorbehalten / all data subject to amendment without notice

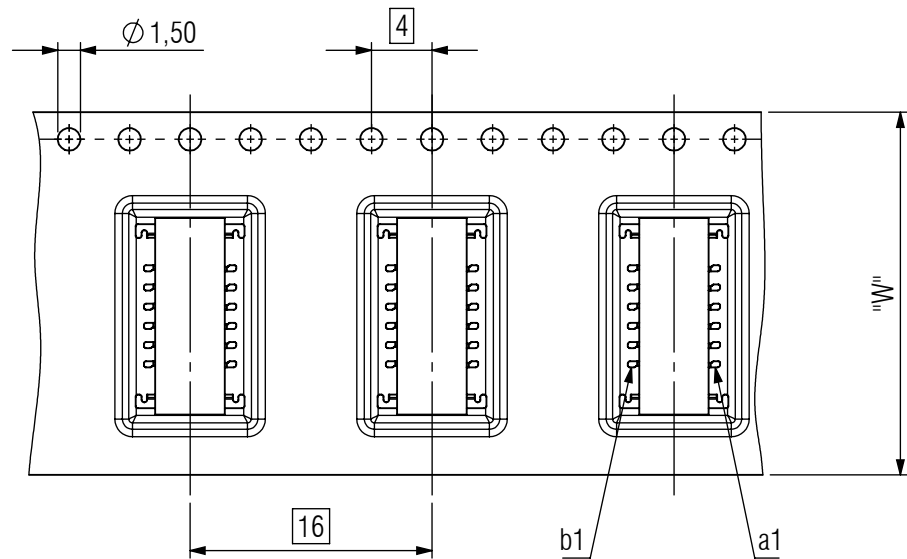
|                                              |                     |                                                    |                |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
|----------------------------------------------|---------------------|----------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|------------------------|
| Dokument<br>Version /<br>Document<br>Version |                     | Beschreibung der Änderung / Description of Change: |                |                                                                                                              |                                                                                 | Werkstoff / Material:                                                                                      |  |  |                        |
| 05                                           |                     |                                                    |                |                                                                                                              |                                                                                 |                                                                                                            |  | A2                                                                                    |                        |
|                                              |                     |                                                    |                |                                                                                                              | Allgemeintoleranz /<br>General tolerances                                       | Maßstab / Scale: 6:1                                                                                       |  |                                                                                       |                        |
|                                              |                     |                                                    |                |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
|                                              |                     |                                                    |                |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
|                                              |                     |                                                    |                |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
|                                              |                     |                                                    |                |                                                                                                              | Tolerierungsgrundsatz /<br>Fundamental tolerancing principle<br>DIN EN ISO 8015 | Verwendungsbereich / Range of application<br>customer drawing                                              |  |                                                                                       |                        |
|                                              |                     |                                                    |                |                                                                                                              | Name / Name                                                                     | Benennung / Description                                                                                    |  |                                                                                       |                        |
| 05                                           | drawing modified    | 24.03.2025                                         | F. Hauzenberge | Ersteller /<br>initial creator                                                                               | S. Scholl                                                                       | One27 Federleiste low-profile<br>One27 female connector low-profile<br>12-80 polig / 12-80 pin ; H=6,25 mm |  |                                                                                       |                        |
| 04                                           | drawing modified    | 25.10.2021                                         | A. Oster       | Gepr./Insp.                                                                                                  | G. Brennauer                                                                    |                                                                                                            |  |                                                                                       |                        |
| 03                                           | drawing modified    | 16.05.2017                                         | V. Milzi       |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
| 02                                           | drawing modified    | 15.03.2016                                         | S. Schol       |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
| 01                                           | drawing modified    | 08.02.2016                                         | C. Weise       |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |
| 00                                           | First Edition       | 17.04.2015                                         | S. Schol       |  ept GmbH<br>www.ept.de |                                                                                 | Zeichnungsnummer / Drawing number<br>404-52XXX-5X                                                          |  | Art / Type<br>C                                                                       | Blatt / Sheet<br>1 / 2 |
| Version/<br>Version                          | Änderung / Revision | Datum / Date                                       | Name / Name    |                                                                                                              |                                                                                 |                                                                                                            |  |                                                                                       |                        |

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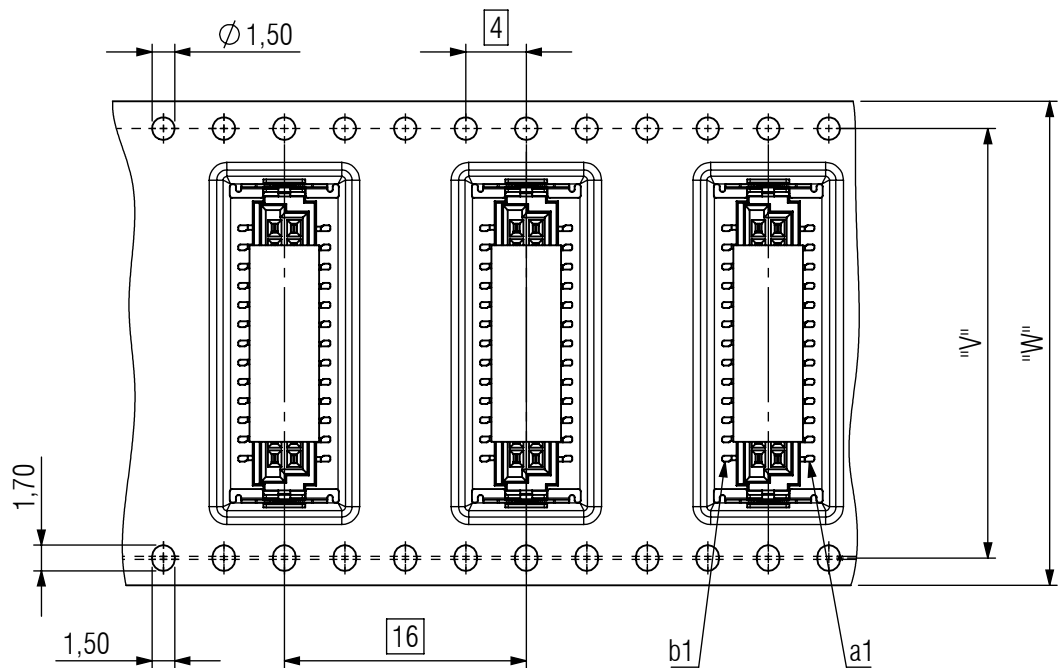
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Abspulrichtung  
Reel off direction  
12-pol. / 12 pin



Abspulrichtung  
Reel off direction  
16-pol. bis 80-pol. / 16-pin to 80-pin



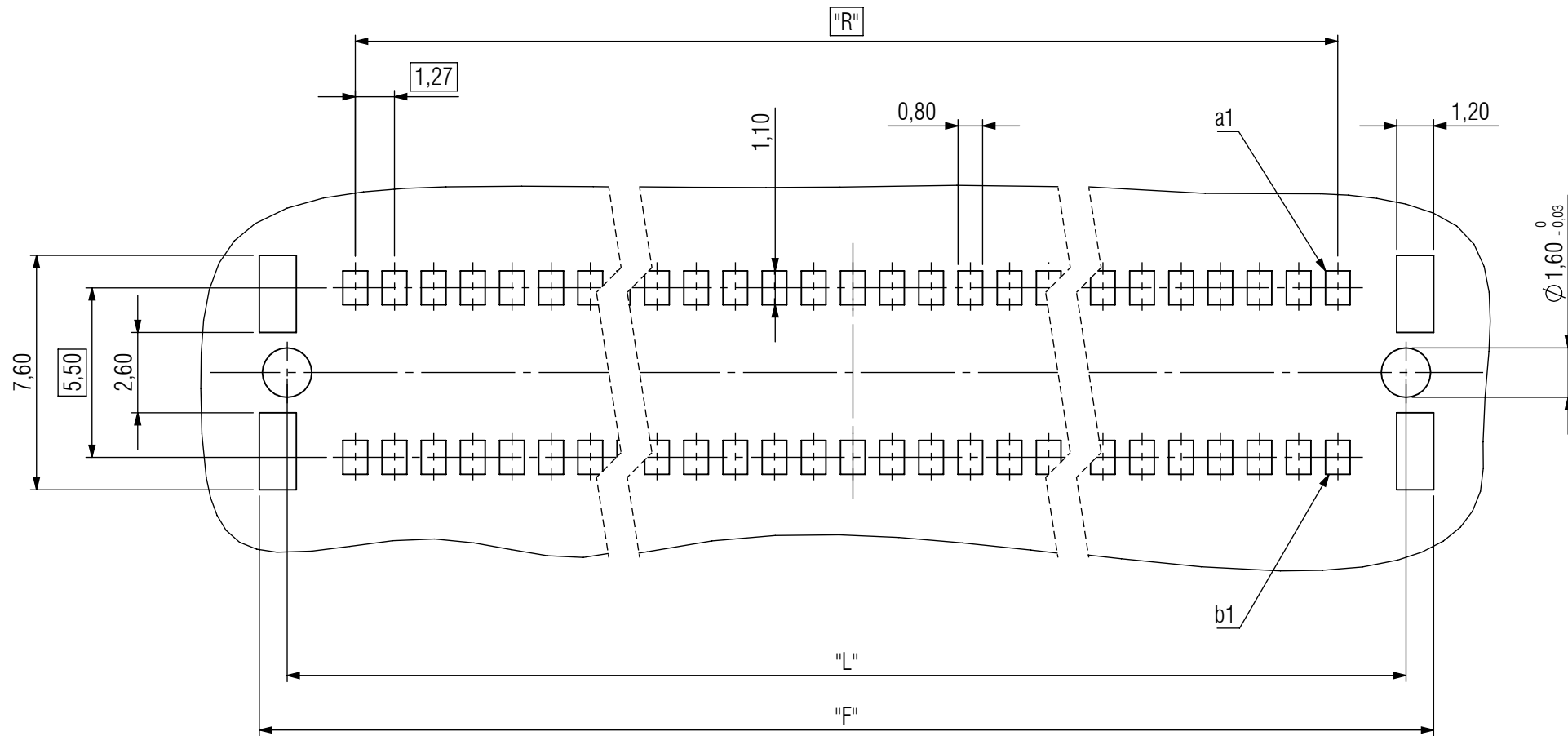
#### Bemerkungen:

Verpackung nach DIN EN 60286-3:2019  
Stück je Rolle: 280

#### Notes:

Packaging is defined in DIN EN 60286-3:2019  
Parts per reel: 280

#### Empfehlung Leiterplatten-Layout / recommendation PCB-Layout



| Artikelnummer<br>part number | Beschreibung<br>description | Maß "F"<br>dimension "F" | Maß "L"<br>dimension "L" | Maß "N"<br>dimension "N" | Maß "R"<br>dimension "R" | Maß "V"<br>dimension "V" | Maß "W"<br>dimension "W" |
|------------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 404-52012-51                 | 12-polig / 12-pin           | 12,57                    | 10,77                    | 9,37                     | 6,35                     | -                        | 24                       |
| 404-52016-51                 | 16-polig / 16-pin           | 15,11                    | 13,31                    | 11,91                    | 8,89                     | 28,40                    | 32                       |
| 404-52020-51                 | 20-polig / 20-pin           | 17,65                    | 15,85                    | 14,45                    | 11,43                    | 28,40                    | 32                       |
| 404-52026-51                 | 26-polig / 26-pin           | 21,46                    | 19,66                    | 18,26                    | 15,24                    | 40,40                    | 44                       |
| 404-52032-51                 | 32-polig / 32-pin           | 25,27                    | 23,47                    | 22,07                    | 19,05                    | 40,40                    | 44                       |
| 404-52040-51                 | 40-polig / 40-pin           | 30,35                    | 28,55                    | 27,15                    | 24,13                    | 40,40                    | 44                       |
| 404-52050-51                 | 50-polig / 50-pin           | 36,70                    | 34,90                    | 33,50                    | 30,48                    | 52,40                    | 56                       |
| 404-52068-51                 | 68-polig / 68-pin           | 48,13                    | 46,33                    | 44,93                    | 41,91                    | 68,40                    | 72                       |
| 404-52080-51                 | 80-polig / 80-pin           | 55,75                    | 53,95                    | 52,55                    | 49,53                    | 68,40                    | 72                       |

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|                                              |                  |                                                    |                |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
|----------------------------------------------|------------------|----------------------------------------------------|----------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|---------------|-------|
| Dokument<br>Version /<br>Document<br>Version |                  | Beschreibung der Änderung / Description of Change: |                |                                  |                                                                                                              | Werkstoff / Material:                                                                                      |              |  |               |       |
| 05                                           |                  |                                                    |                |                                  |                                                                                                              |                                                                                                            |              | A2                                                                                    |               |       |
|                                              |                  |                                                    |                |                                  | Allgemeintoleranz /<br>General tolerances                                                                    | Maßstab / Scale: 5:1                                                                                       |              |                                                                                       |               |       |
|                                              |                  |                                                    |                |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
|                                              |                  |                                                    |                |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
|                                              |                  |                                                    |                |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
|                                              |                  |                                                    |                |                                  | Tolerierungsgrundsatz /<br>Fundamental tolerancing principle<br>DIN EN ISO 8015                              | Verwendungsbereich / Range of application<br>customer drawing                                              |              |                                                                                       |               |       |
|                                              |                  |                                                    |                |                                  | Name / Name                                                                                                  | Benennung / Description                                                                                    |              |                                                                                       |               |       |
| 05                                           | drawing modified | 24.03.2025                                         | F. Hauzenberge | Erststeller /<br>initial creator | S. Scholl                                                                                                    | One27 Federleiste low-profile<br>One27 female connector low-profile<br>12-80 polig / 12-80 pin ; H=6,25 mm |              |                                                                                       |               |       |
| 04                                           | drawing modified | 25.10.2021                                         | A. Oster       |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
| 03                                           | drawing modified | 16.05.2017                                         | V. Milzi       | Gepr./Insp.                      | G. Brennauer                                                                                                 |                                                                                                            |              |                                                                                       |               |       |
| 02                                           | drawing modified | 15.03.2016                                         | S. Schol       |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
| 01                                           | drawing modified | 08.02.2016                                         | C. Weise       |                                  |                                                                                                              |                                                                                                            |              |                                                                                       |               |       |
| 00                                           | First Edition    | 17.04.2015                                         | S. Schol       |                                  |                                                                                                              | Zeichnungsnummer / Drawing number                                                                          |              | Art / Type                                                                            | Blatt / Sheet |       |
| Version/<br>Version                          |                  | Änderung / Revision                                | Datum / Date   | Name / Name                      |  ept GmbH<br>www.ept.de |                                                                                                            | 404-52XXX-5X |                                                                                       | C             | 2 / 2 |