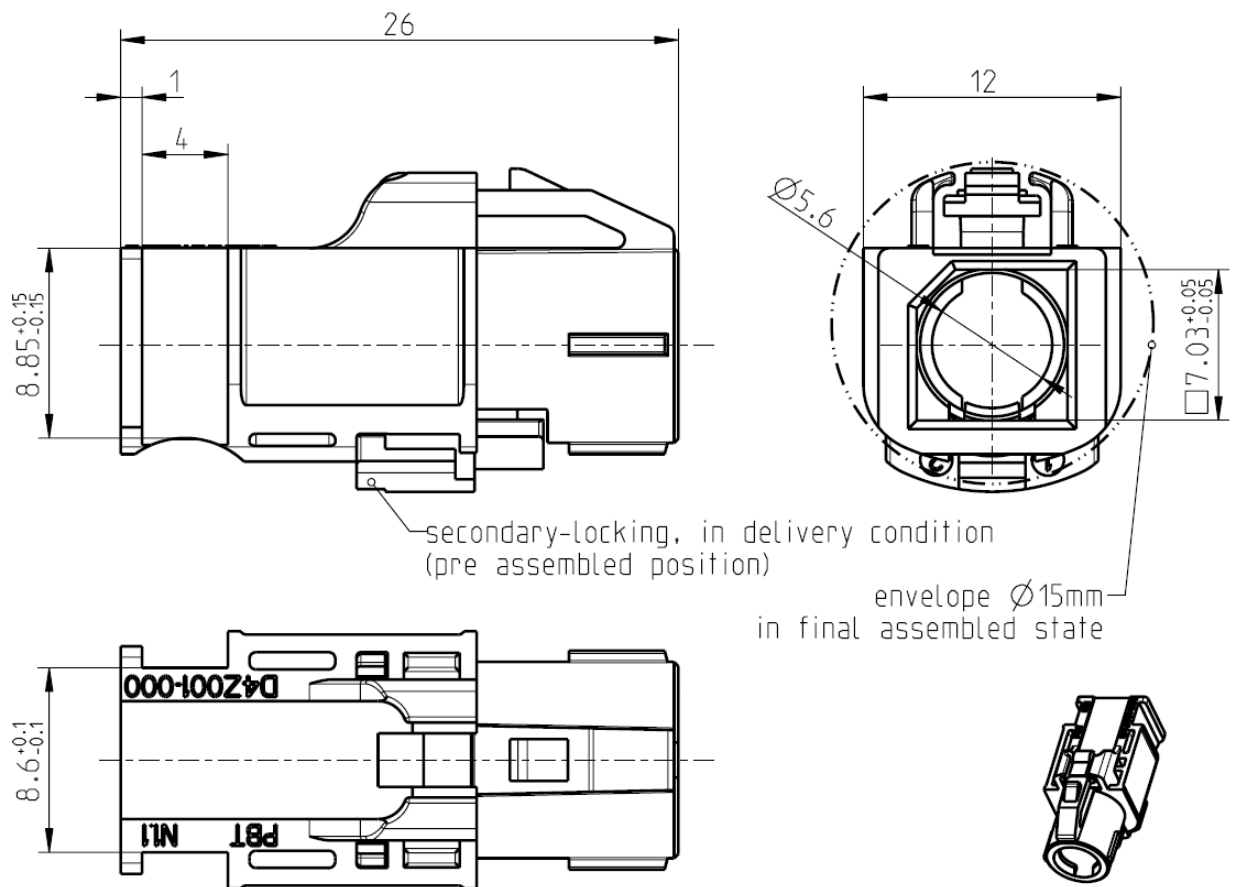




All dimensions are in mm; tolerances according to ISO 2768 m-H  
Y = Part number has to be accomplished by codification

## Interface

According to

RN 059-01

## Material and plating

### Connector parts

Housing  
Secondary lock

### Material

PBT-GB20  
PBT-GF10



## Mechanical data

|                              |         |
|------------------------------|---------|
| Mating cycles                | ≥ 25    |
| Engagement force             | ≤ 30 N  |
| Disengagement force          | ≥ 5 N   |
| Retention force latch        | ≥ 110 N |
| Retention force primary lock | ≥ 80 N  |
| Coding efficiency            | ≥ 80 N  |

### Environmental data

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| Temperature range        | -40°C to +105°C                                                                             |
| Thermal shock            | DIN IEC 60068-2-14 Test NA                                                                  |
| Temperature and humidity | USCar 2 – 4 5.6.2                                                                           |
| Vibration (Random)       | DIN IEC 60068-2-64                                                                          |
| Mechanical Shock         | DIN IEC 60068-2-27                                                                          |
| High-Temp. Exposure      | DIN IEC 60068-2-2                                                                           |
| RoHS                     | compliant  |

### Application

|                                           |                                                                                                              |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Applicable e.g. for following connectors: | D4K10A-1xx*<br>E4K10A-1xx*  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|

\* -xx for all available cable variations

### Packing

|          |                |
|----------|----------------|
| Standard | 250 pcs in box |
| Weight   | 1.74 g/pce     |

### Coding

Part Number has to be accomplished by codification

| Coding | Jack                                                                                | Colour         | RAL       | Part-Number    |
|--------|-------------------------------------------------------------------------------------|----------------|-----------|----------------|
| A      |  | black          | sim. 9005 | D4Z001-000A    |
| B      |  | white          | sim. 9001 | D4Z001-000B    |
| C      |  | blue           | sim. 5005 | D4Z001-000C    |
| D      |  | bordeaux       | sim. 4004 | D4Z001-000D    |
| E      |  | green          | sim. 6002 | D4Z001-000E    |
| F      |  | brown          | sim. 8011 | D4Z001-000F    |
| Z      |  | waterblue      | sim. 5021 | D4Z001-000Z    |
|        |                                                                                     | traffic purple | sim. 4006 | secondary lock |

## Technical Data Sheet

# Rosenberger

Rosenberger  
HSD®

Plastic Housing

**D4Z001-000-Y**

### Change History

| Rev. | Date     | Change                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| d00  | 23.08.17 | Housing material data:<br>- Added GB20 to PBT-GB20 according to precise material specification and delivery situation<br>Secondary lock material data:<br>- Added GF10 to PBT-GF10 according to precise material specification and delivery situation<br>Changed Environmental data:<br>- from 2002/95/EC (RoHS) to RoHS<br>- Soldering profile deleted<br>Added data to Application:<br>- E4K10A-1xx* |
|      |          |                                                                                                                                                                                                                                                                                                                                                                                                        |

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft                                                                                                                                                  | Date     | Approved   | Date     | Rev. | Engineering change number                                                                    | Name          | Date          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|----------|------|----------------------------------------------------------------------------------------------|---------------|---------------|
| M. Zebhauser                                                                                                                                           | 08.12.05 | J. Schröck | 18.09.17 | d00  | 17-1432                                                                                      | C. Ostermaier | 18.09.17      |
| Rosenberger Hochfrequenztechnik GmbH & Co. KG<br>P.O.Box 1260 D-84526 Tittmoning Germany<br><a href="http://www.rosenberger.de">www.rosenberger.de</a> |          |            |          |      | Tel. : +49 8684 18-0<br>Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a> |               | Page<br>3 / 3 |