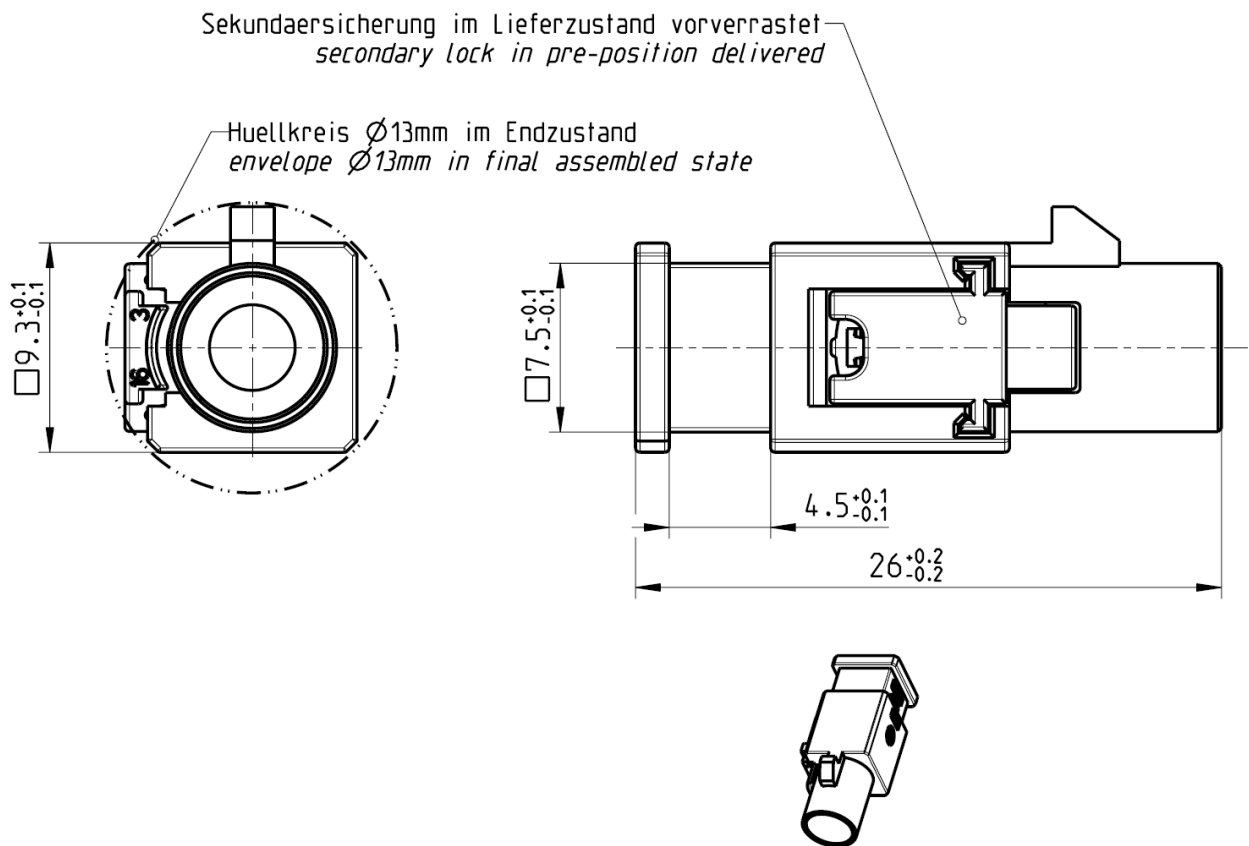




All dimensions are in mm; tolerances according to ISO 2768 m-H  
Y = Part number has to be accomplished by codification

#### Interface and coding

According to DIN 72594-1

#### Material

Housing PBT  
Secondary Lock PBT

#### Mechanical data

Mating cycles  $\geq 25$   
Retention force latch  $\geq 110\text{ N}$   
Retention force primary lock  $\geq 80\text{ N}$   
Retention force secondary lock  $\geq 60\text{ N}$   
Coding efficiency  $\geq 40\text{ N}$

# TECHNICAL DATA SHEET

# Rosenberger

## FAKRA - HF PLASTIC HOUSING

## 59Z114-000-Y

### Environmental data

|                                |                        |
|--------------------------------|------------------------|
| Temperature range              | -40°C to +105°C        |
| Thermal shock                  | DIN 72594-2 clause 6.2 |
| Temperature and humidity       | DIN 72594-2 clause 6.3 |
| Vibration and mechanical shock | DIN 72594-2 clause 6.1 |
| Dry heat                       | DIN 72594-2 clause 6.4 |
| 2002/95/EC (RoHS)              | compliant              |

### Application

Applicable e.g. for following connectors: 59S10E-1xx<sup>\*1)</sup>, 59S10L-1xx<sup>\*1)</sup>, 59S10O-1xx<sup>\*1)</sup>, 59S16A-1xx<sup>\*1)</sup>

<sup>\*1)</sup> xx -for all available cable variations

### Packing

|          |                |
|----------|----------------|
| Standard | 500 pcs in box |
| Weight   | 1.21 g/pce     |

### Coding

Part Number has to be accomplished by codification

| Coding                                                                                | Color          | RAL       | Part-Number                 |
|---------------------------------------------------------------------------------------|----------------|-----------|-----------------------------|
|  A | black          | sim. 9005 | 59Z114-000_A                |
|  B | white          | sim. 9001 | 59Z114-000_B                |
|  C | blue           | sim. 5005 | 59Z114-000_C                |
|  D | bordeauxviolet | sim. 4004 | 59Z114-000_D                |
|  E | green          | sim. 6002 | 59Z114-000_E                |
|  F | brown          | sim. 8011 | 59Z114-000_F                |
|  G | grey           | sim. 7031 | 59Z114-000_G                |
|  H | violet         | sim. 4003 | 59Z114-000_H                |
|  I | beige          | sim. 1001 | 59Z114-000_I                |
|  K | curry          | sim. 1027 | 59Z114-000_K                |
|  L | carmine red    | sim. 3002 | 59Z114-000_L <sup>*2)</sup> |
|  M | pastel orange  | sim. 2003 | 59Z114-000_M <sup>*2)</sup> |
|  N | pastel green   | sim. 6019 | 59Z114-000_N <sup>*2)</sup> |
|  Z | waterblue      | sim. 5021 | 59Z114-000_Z                |
|                                                                                       | traffic purple | sim. 4006 | secondary lock              |

<sup>\*2)</sup>available on request

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     |
|--------------|----------|----------|----------|------|---------------------------|-----------|----------|
| Michael Lang | 03/05/10 | Bredbeck | 10/06/11 | b00  | 11-0505                   | L.Perschl | 10/06/11 |

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