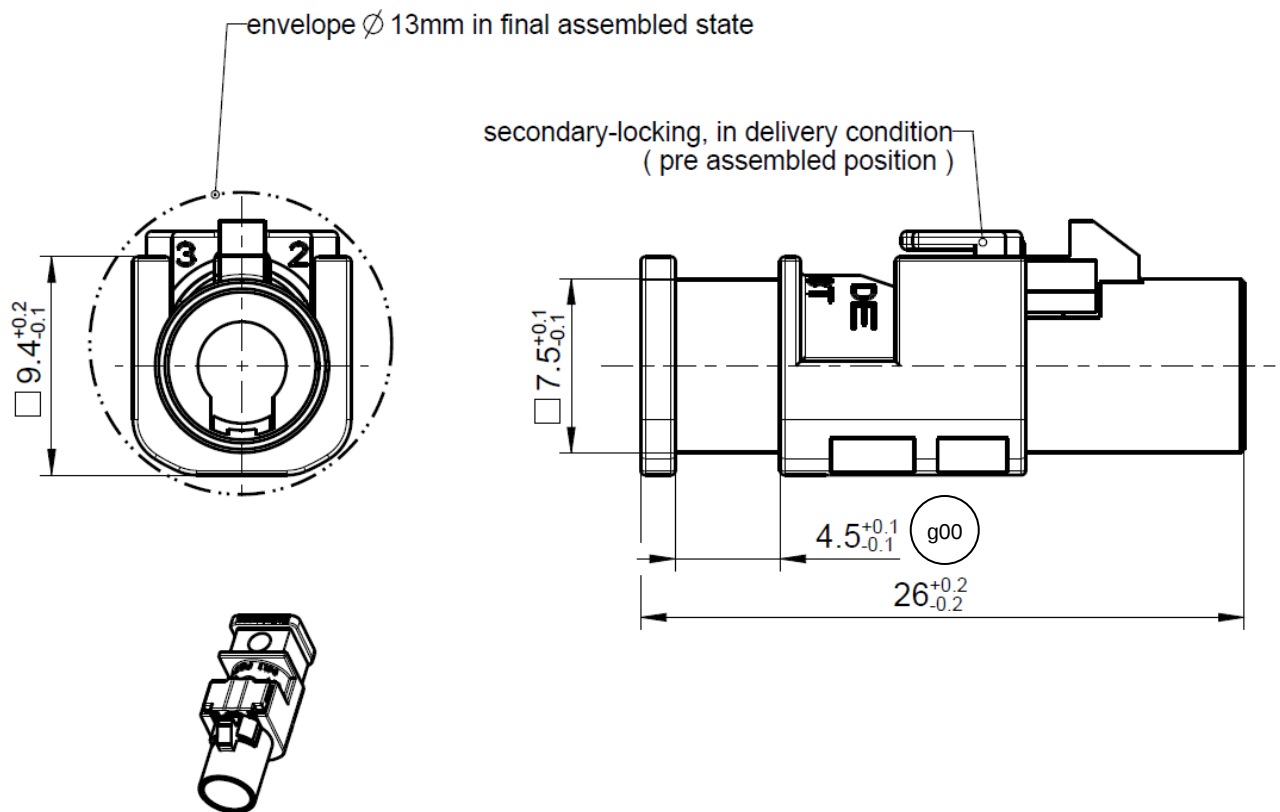




All dimensions are in mm;  
Y = Part number has to be accomplished by codification

### Interface

According to

ISO 20860-1; DIN 72594-1

(g00)

### Material and plating

#### Connector parts

Housing  
Secondary lock

#### Material

PBT-GF20  
PBT-GF10

(g00)

### Mechanical data

|                                |         |
|--------------------------------|---------|
| Mating cycles                  | ≥ 25    |
| Retention force latch          | ≥ 110 N |
| Retention force primary lock   | ≥ 80 N  |
| Retention force secondary lock | ≥ 60 N  |
| Coding efficiency              | ≥ 40 N  |

### Environmental data

|                                |                        |
|--------------------------------|------------------------|
| Temperature range              | -40°C to +105°C        |
| Thermal shock                  | DIN 72594-2 clause 8.2 |
| Temperature and humidity       | DIN 72594-2 clause 8.3 |
| Vibration and mechanical shock | DIN 72594-2 clause 8.1 |
| Dry heat                       | DIN 72594-2 clause 8.4 |
| RoHS                           | compliant              |



### Application

|                           |               |
|---------------------------|---------------|
| Applicable for connector: | 59S10E-1xx ** |
|                           | 59S10L-1xx ** |
|                           | 59S10O-1xx ** |
|                           | 59S16A-1xx ** |

\*\* -xx for all available cable variations

### Packing

|          |                            |
|----------|----------------------------|
| Standard | 2000 pcs in box            |
|          | 2000 pcs in returnable box |
| Weight   | 1.07 g/pce                 |



# Technical Data Sheet

# Rosenberger

FAKRA-HF

PLASTIC HOUSING

59Z064-000-Y

## Coding

Part Number has to be accomplished by codification

| Coding                                                                              |   | Colour         | RAL       | Part-Number-RT |
|-------------------------------------------------------------------------------------|---|----------------|-----------|----------------|
|    | A | black          | sim. 9005 | 59Z064-000-A   |
|    | B | white          | sim. 9001 | 59Z064-000-B   |
|    | C | blue           | sim. 5005 | 59Z064-000-C   |
|    | D | bordeauxviolet | sim. 4004 | 59Z064-000-D   |
|    | E | green          | sim. 6002 | 59Z064-000-E   |
|    | F | brown          | sim. 8011 | 59Z064-000-F   |
|    | G | grey           | sim. 7031 | 59Z064-000-G   |
|   | H | violet         | sim. 4003 | 59Z064-000-H   |
|  | I | beige          | sim. 1001 | 59Z064-000-I   |
|  | K | curry          | sim. 1027 | 59Z064-000-K   |
|  | L | carmine red    | sim. 3002 | 59Z064-000-L   |
|  | M | pastel orange  | sim. 2003 | 59Z064-000-M   |
|  | N | pastel green   | sim. 6019 | 59Z064-000-N   |
|  | Z | waterblue      | sim. 5021 | 59Z064-000-Z   |
|                                                                                     |   | traffic purple | sim. 4006 | secondary lock |

## Change history

| Rev | Date       | Change                                                                                                               |
|-----|------------|----------------------------------------------------------------------------------------------------------------------|
| g00 | 11.02.2021 | - "2000 pcs in box" added<br>- tolerance, material, environment and interface spec. adjusted acc.to the actual state |
| h00 | 16.06.2021 | - "500 pcs in box" removed                                                                                           |

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                                                                                                                                           | 01.09.04 | F. Danzl | 16.06.21 | h00  | 21-0973                                                                                      | M. Berthold | 16.06.21      |
| 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 |