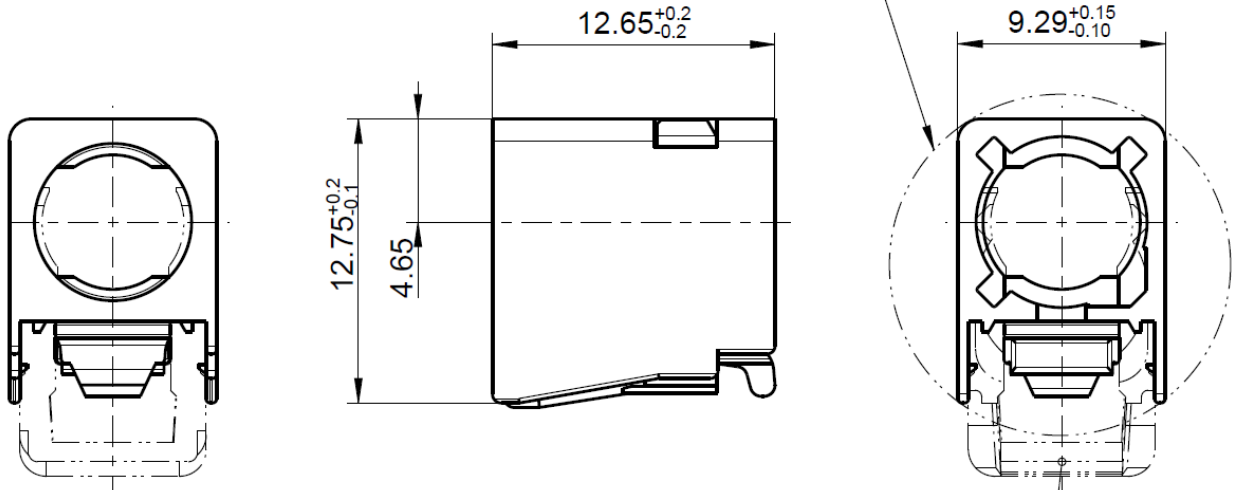
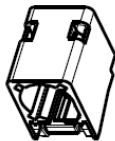


envelope  $\varnothing$  15,5mm in final assembled state



Kabelabgang 360°, frei drehbar  
cable junction 360°, free turnable



secondary-locking, in delivery condition  
( pre assembled position )

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

### Interface

According to DIN 72594-1

### Material

#### Connector parts

|                |     |
|----------------|-----|
| Housing        | POM |
| Secondary Lock | POM |

### 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 e.g. for following connectors: | 59K25A-1xxA4* |
|                                           | 59K25C-1xxA4* |
|                                           | 59K25H-1xxA4* |
|                                           | 59K2DV-1xxA4* |

\*1) -xx for all available cable variations

### Packing

|          |                                |
|----------|--------------------------------|
| Standard | 2500 pcs in box                |
|          | 2500 pcs in reusable container |
| Weight   | 0.91 g/pce                     |

### Coding

Part Number has to be accomplished by codification

| Coding                                                                                | Color          | RAL       | Part-Number  |
|---------------------------------------------------------------------------------------|----------------|-----------|--------------|
|  A | black          | sim. 9005 | 59Z006-T00-A |
|  B | white          | sim. 9001 | 59Z006-T00-B |
|  C | blue           | sim. 5005 | 59Z006-T00-C |
|  D | bordeauxviolet | sim. 4004 | 59Z006-T00-D |
|  E | green          | sim. 6002 | 59Z006-T00-E |
|  F | brown          | sim. 8011 | 59Z006-T00-F |
|  G | grey           | sim. 7031 | 59Z006-T00-G |
|  H | violet         | sim. 4003 | 59Z006-T00-H |
|  I | beige          | sim. 1001 | 59Z006-T00-I |
|  K | curry          | sim. 1027 | 59Z006-T00-K |
|  L | Carmine red    | sim. 3002 | 59Z006-T00-L |
|  M | pastel orange  | sim. 2003 | 59Z006-T00-M |
|  N | pastel green   | sim. 6019 | 59Z006-T00-N |
|  Z | waterblue      | sim. 5021 | 59Z006-T00-Z |

RF\_35/09.14/6.2 Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

| Technical Data Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                                                                                                                                       |  | <b>Rosenberger</b>                                                                           |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--|----------|---------------|------|------|--------|-----|----------|------------------------------------|-----|----------|---------------------------------------------------------------------------------------------------------------------------------------|
| FAKRA - HF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | PLASTIC HOUSING                                                                                                                       |  | 59Z006-T00-Y                                                                                 |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| <div>Change History</div> <table><tr><th>Rev.</th><th>Date</th><th>Change</th></tr><tr><td>e00</td><td>22.05.17</td><td>- added 59K2DV-xxx at Applications</td></tr><tr><td>f00</td><td>15.11.21</td><td>Packaging sizes updated<br/>-old packaging size "500 pcs in box"<br/>-updated to "2500 pcs in box" and "2500 pcs in reusable container"</td></tr></table>                                                                                                                                                                                                                         |          |                                                                                                                                       |  |                                                                                              |  |          |               | Rev. | Date | Change | e00 | 22.05.17 | - added 59K2DV-xxx at Applications | f00 | 15.11.21 | Packaging sizes updated<br>-old packaging size "500 pcs in box"<br>-updated to "2500 pcs in box" and "2500 pcs in reusable container" |
| Rev.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date     | Change                                                                                                                                |  |                                                                                              |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| e00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22.05.17 | - added 59K2DV-xxx at Applications                                                                                                    |  |                                                                                              |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| f00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15.11.21 | Packaging sizes updated<br>-old packaging size "500 pcs in box"<br>-updated to "2500 pcs in box" and "2500 pcs in reusable container" |  |                                                                                              |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| <div><div><p>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.</p></div><div><p>For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.</p></div></div> |          |                                                                                                                                       |  |                                                                                              |  |          |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| Draft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          | Date                                                                                                                                  |  | Approved                                                                                     |  | Date     |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| D. Oberhöller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | 04.04.05                                                                                                                              |  | F. Danzl                                                                                     |  | 15.11.21 |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| Rev.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | Engineering change number                                                                                                             |  | Name                                                                                         |  | Date     |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| f00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 21-1468                                                                                                                               |  | S. Guggenberger                                                                              |  | 15.11.21 |               |      |      |        |     |          |                                    |     |          |                                                                                                                                       |
| 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 |      |      |        |     |          |                                    |     |          |                                                                                                                                       |