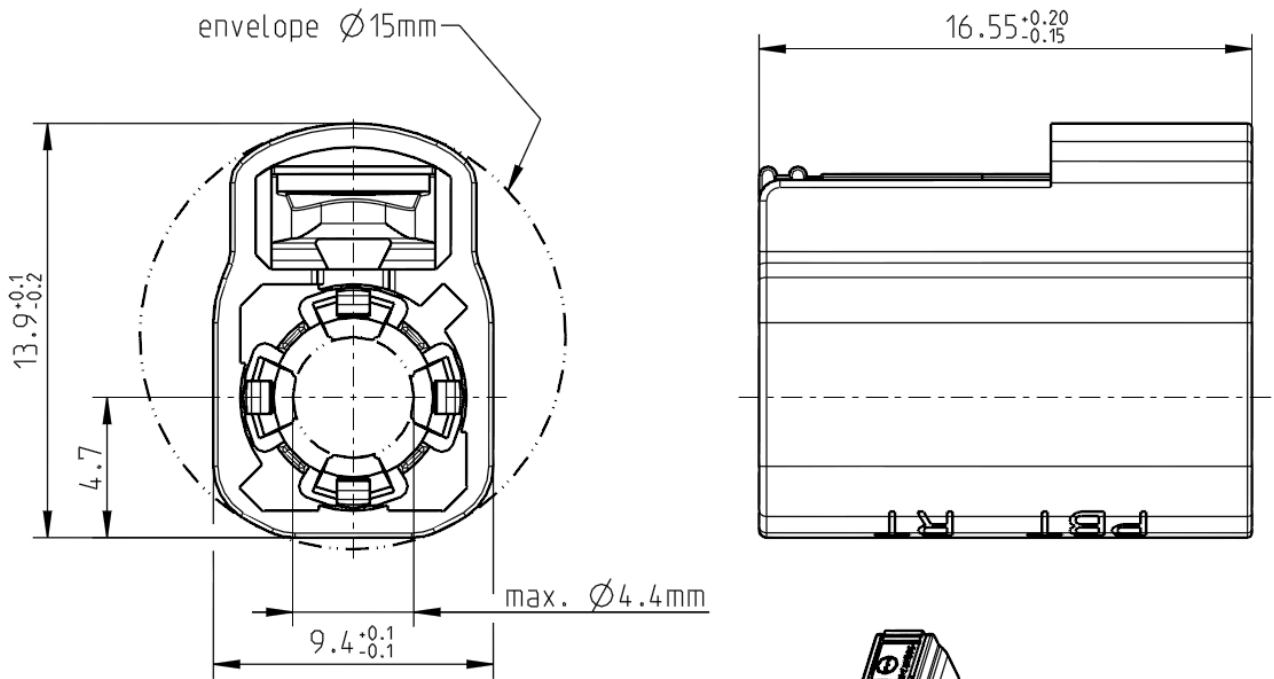


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PLASTIC HOUSING

**59Z073-001-Y**



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, USCAR 17

**Material and plating**

**Connector parts**

Housing

**Material**

PBT-I-GF23



**Mechanical data**

|                              |         |
|------------------------------|---------|
| Mating cycles                | ≥ 25    |
| Retention force latch        | ≥ 110 N |
| Retention force primary lock | ≥ 110 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                           | (g) compliant          |

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RF\_35/09.14/6.2

# Technical Data Sheet

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PLASTIC HOUSING

**59Z073-001-Y**

## Application

Applicable e.g. for following connectors: 59K13O-1xx\*; 59K16A-1xx\*; 59K16B-1xx\*; 59K17O-1xx\* (f)















\* -xx for all available cable variations

## Packing

Standard 500 pcs in box, 2000 pcs in reusable container (g)  
Weight 1.23 g/pce

## Coding

Part Number has to be accomplished by codification

| Coding  | Color | RAL            | Part-Number |              |
|---|-------|----------------|-------------|--------------|
|    | A     | black          | sim. 9005   | 59Z073-001_A |
|    | B     | white          | sim. 9001   | 59Z073-001_B |
|    | C     | blue           | sim. 5005   | 59Z073-001_C |
|    | D     | bordeauxviolet | sim. 4004   | 59Z073-001_D |
|   | E     | green          | sim. 6002   | 59Z073-001_E |
|  | F     | brown          | sim. 8011   | 59Z073-001_F |
|  | G     | grey           | sim. 7031   | 59Z073-001_G |
|  | H     | violet         | sim. 4003   | 59Z073-001_H |
|  | I     | beige          | sim. 1001   | 59Z073-001_I |
|  | K     | curry          | sim. 1027   | 59Z073-001_K |
|  | L     | Carmine red    | sim. 3002   | 59Z073-001_L |
|  | M     | pastel orange  | sim. 2003   | 59Z073-001_M |
|  | N     | pastel green   | sim. 6019   | 59Z073-001_N |
|  | Z     | waterblue      | sim. 5021   | 59Z073-001_Z |

## Change History

| Rev. | Date     | Change  |
|------|----------|---|
| f00  | 19.08.16 | - Application for following connector added:59K16B-1xx*   |
| g00  | 16.07.18 | - Added "2000 pcs in reusable container" to standard packing<br>- From PBT-GF23 to PBT-I-GF23<br>- From 2002/95/EC (RoHS) to RoHS |
|      |          |   |

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          |
|--|----------|-------------|----------|-----|---------------------------|--|---------------|
| D. Oberholler   | 21.03.06 | P. Blafeld | 17.07.18 | g00 | 18-1226                   | C. Ostermaier  | 17.07.18      |
| 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>2 / 2 |