

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 GF20  
Secondary Lock PPE

**Mechanical data**

Mating cycles  $\geq$  25  
Retention force latch  $\geq$  110 N  
Coding efficiency  $\geq$  40 N

**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: 59K23B-1xx \*; 59K28A-1xx \*; 59K28H-1xx\*












\* xx -for all available cable variations

**Packing**

|          |  |
|----------|--|
| Standard | 500 pcs in box; 2500 pcs in reusable container |
| Weight   | 0.88 g/pce                                     |

**Coding**

Part Number has to be accomplished by codification

| Coding  | Color          | RAL       | Part-Number    |
|---|----------------|-----------|----------------|
|  A  | black          | sim. 9005 | 59Z066-000_A   |
|  B | white          | sim. 9001 | 59Z066-000_B   |
|  C | blue           | sim. 5005 | 59Z066-000_C   |
|  D | bordeauxviolet | sim. 4004 | 59Z066-000_D   |
|  E | green          | sim. 6002 | 59Z066-000_E   |
|  F | brown          | sim. 8011 | 59Z066-000_F   |
|  G | grey           | sim. 7031 | 59Z066-000_G   |
|  H | violet         | sim. 4003 | 59Z066-000_H   |
|  I | beige          | sim. 1001 | 59Z066-000_I   |
|  K | curry          | sim. 1027 | 59Z066-000_K   |
|  Z | waterblue      | sim. 5021 | 59Z066-000_Z   |
|   | traffic purple | sim. 4006 | secondary lock |

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     |
| Denis Oberh ller | 31/03/05 | Bredbeck | 19.07.11 | f00  | 11-0590                   | M. Pemwieser | 19.07.11 |