



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 and plating**

**Connector parts**

| Housing        | Material |
|----------------|----------|
| Secondary Lock | PPE      |
|                | PPE      |

**Mechanical data**

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

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FAKRA-HF

PLASTIC HOUSING

**59Z016-000-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  
 RoHS compliant e

**Application**

Applicable e.g. for following connectors: 59S10E-1xx \*; 59S10L-1xx \*; 59S100-1xx \*

\* -xx for all available cable variatios











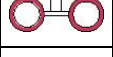
**Packing**

Standard 200 pcs in box, 600 pcs in reusable container e  
 Weight 2.13 g/pce

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**Coding**

Part Number has to be accomplished by codification

| Coding  | Color          | RAL       | Part-Number    |
|---|----------------|-----------|----------------|
|  A | Jet black      | sim. 9005 | 59Z016-000_A   |
|  B | Cream white    | sim. 9001 | 59Z016-000_B   |
|  C | Signal blue    | sim. 5005 | 59Z016-000_C   |
|  D | Claret violet  | sim. 4004 | 59Z016-000_D   |
|  E | Leaf green     | sim. 6002 | 59Z016-000_E   |
|  F | Nut brown      | sim. 8011 | 59Z016-000_F   |
|  G | Blue grey      | sim. 7031 | 59Z016-000_G   |
|  H | Heather violet | sim. 4003 | 59Z016-000_H   |
|  I | Beige          | sim. 1001 | 59Z016-000_I   |
|  K | Curry          | sim. 1027 | 59Z016-000_K   |
|  Z | Water blue     | sim. 5021 | 59Z016-000_Z   |
|   | Traffic purple | sim. 4006 | secondary lock |

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