

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 | PPE |
| Secondary Lock | PPE |

Mechanical data

| | |
|--------------------------------|---------------------|
| Mating cycles | ≥ 25 |
| Retention force latch | $\geq 110\text{ N}$ |
| Retention force primary lock | $\geq 80\text{ N}$ |
| Retention force secondary lock | $\geq 60\text{ N}$ |
| Coding efficiency | $\geq 40\text{ N}$ |

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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 |



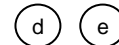
Application

Applicable e.g. for following connectors: 59K13D-1xx *; 59K13F-1xx *; 59K13O-1xx *; 59K16A-1xx *

* -xx for all available cable variations

Packing

| | |
|----------|-------------------------------|
| Standard | 150 pcs in box |
| | 500 pcs in reusable container |
| Weight | 2,90 g/pce |



Coding

Part Number has to be accomplished by codification

| | Coding | Color | RAL | Part-Number |
|--|--------|----------------|-----------|----------------|
| | A | black | sim. 9005 | 59Z017-000_A |
| | B | white | sim. 9001 | 59Z017-000_B |
| | C | blue | sim. 5005 | 59Z017-000_C |
| | D | bordeauxviolet | sim. 4004 | 59Z017-000_D |
| | E | green | sim. 6002 | 59Z017-000_E |
| | F | brown | sim. 8011 | 59Z017-000_F |
| | G | grey | sim. 7031 | 59Z017-000_G |
| | H | violet | sim. 4003 | 59Z017-000_H |
| | I | beige | sim. 1001 | 59Z017-000_I |
| | K | curry | sim. 1027 | 59Z017-000_K |
| | Z | waterblue | sim. 5021 | 59Z017-000_Z |
| | | traffic purple | sim. 4006 | secondary lock |

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