

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

Housing PBT-GF20
 Secondary Lock PBT-GF10

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: 59S10E-1xx^{*1)}, 59S10L-1xx^{*1)}, 59S10O-1xx^{*1)}, 59S16A-1xx^{*1)},















^{*1)} -xx for all available cable variations

Packing

| | |
|----------|-------------------------------------|
| Standard | 500 pcs in box; 1500 pcs in box (C) |
| Weight | 1.21 g/pce |

Coding

Part Number has to be accomplished by codification

| Coding | Color | RAL | RT-Part-Number |
|---|----------------|-----------|-----------------------------|
|  A | black | sim. 9005 | 59Z114-000-A |
|  B | white | sim. 9001 | 59Z114-000-B |
|  C | blue | sim. 5005 | 59Z114-000-C |
|  D | bordeauxviolet | sim. 4004 | 59Z114-000-D |
|  E | green | sim. 6002 | 59Z114-000-E |
|  F | brown | sim. 8011 | 59Z114-000-F |
|  G | grey | sim. 7031 | 59Z114-000-G |
|  H | violet | sim. 4003 | 59Z114-000-H |
|  I | beige | sim. 1001 | 59Z114-000-I |
|  K | curry | sim. 1027 | 59Z114-000-K |
|  L | carmine red | sim. 3002 | 59Z114-000-L ^{*2)} |
|  M | pastel orange | sim. 2003 | 59Z114-000-M ^{*2)} |
|  N | pastel green | sim. 6019 | 59Z114-000-N ^{*2)} |
|  Z | waterblue | sim. 5021 | 59Z114-000-Z |
| | traffic purple | sim. 4006 | secondary lock |

^{*2)} on request