

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  $\geq 25$   
 Retention force latch  $\geq 110$  N  
 Retention force primary lock  $\geq 80$  N  
 Retention force secondary lock  $\geq 60$  N  
 Coding efficiency  $\geq 40$  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: 59S10E-1xx<sup>\*1)</sup>, 59S10L-1xx<sup>\*1)</sup>, 59S10O-1xx<sup>\*1)</sup>, 59S16A-1xx<sup>\*1)</sup>,















<sup>\*1)</sup> -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 <sup>*2)</sup>
 M	pastel orange	sim. 2003	59Z114-000-M <sup>*2)</sup>
 N	pastel green	sim. 6019	59Z114-000-N <sup>*2)</sup>
 Z	waterblue	sim. 5021	59Z114-000-Z
	traffic purple	sim. 4006	secondary lock

<sup>\*2)</sup> on request