

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  
Secondary Lock PBT

**Mechanical data**

Mating cycles  $\geq 25$   
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  $\geq 40\text{ N}$

**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: 59S10E-1xx \*, 59S10L-1xx \*, 59S100-1xx \*, 59S16A-1xx\*




\* xx -for all available cable variations

**Packing**

Standard	500 pcs in box; 2000 pcs in returnable box
Weight	1.07 g/pce

**Coding**

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number
 A	black	sim. 9005	59Z064-000_A
 B	white	sim. 9001	59Z064-000_B
 C	blue	sim. 5005	59Z064-000_C
 D	bordeauxviolet	sim. 4004	59Z064-000_D
 E	green	sim. 6002	59Z064-000_E
 F	brown	sim. 8011	59Z064-000_F
 G	grey	sim. 7031	59Z064-000_G
 H	violet	sim. 4003	59Z064-000_H
 I	beige	sim. 1001	59Z064-000_I
 K	curry	sim. 1027	59Z064-000_K
 L	Carmine red	sim. 3002	59Z064-000_L
 M	pastel orange	sim. 2003	59Z064-000_M
 N	pastel green	sim. 6019	59Z064-000_N
 Z	waterblue	sim. 5021	59Z064-000_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
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