

All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to DIN 72594-1

Material

Housing PBT-GF20 (d)
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 (b)
Vibration and mechanical shock DIN 72594-2 clause 8.1 (b)
Dry heat DIN 72594-2 clause 8.4 (b)
RoHS compliant (b)

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Application















Applicable e.g. for following connectors: 59K13O-1xx^{*1)}, 59K13D-1xx^{*1)}, 59K13F-1xx^{*1)}, 59K16A-1xx^{*1)}, 59K16B-1xx^{*1)}
^{*1)} -xx for all available cable variations

Packing

Standard 500 pcs in box, 1500 pcs in reusable container (d)
 Weight 1.48 g/pce

Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number
 A	black	sim. 9005	59Z113-000-A
 B	white	sim. 9001	59Z113-000-B
 C	blue	sim. 5005	59Z113-000-C
 D	bordeauxviolet	sim. 4004	59Z113-000-D
 E	green	sim. 6002	59Z113-000-E
 F	brown	sim. 8011	59Z113-000-F
 G	grey	sim. 7031	59Z113-000-G
 H	violet	sim. 4003	59Z113-000-H
 I	beige	sim. 1001	59Z113-000-I
 K	curry	sim. 1027	59Z113-000-K
 L	carmine red	sim. 3002	59Z113-000-L ^{*2)}
 M	pastel orange	sim. 2003	59Z113-000-M ^{*2)}
 N	pastel green	sim. 6019	59Z113-000-N ^{*2)}
 Z	waterblue	sim. 5021	59Z113-000-Z
	traffic purple	sim. 4006	secondary lock

^{*2)} on request