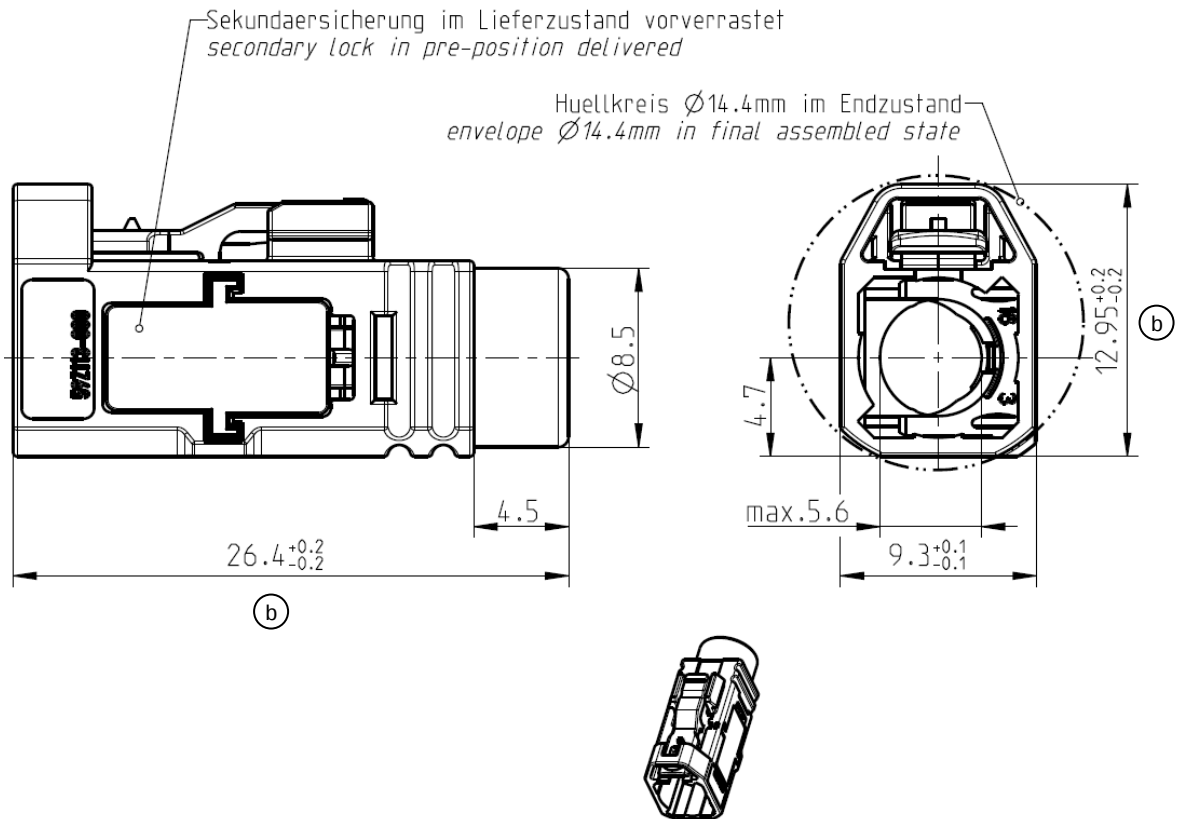




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

DIN 72594-1

Material

Housing

PBT-GF20

Secondary Lock

PBT-GF10

(d)

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	$\geq 40\text{ N}$

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

(b)

(b)

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
Weight

500 pcs in box, 1500 pcs in reusable container
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

Technical Data Sheet				Rosenberger																						
FAKRA - HF		PLASTIC HOUSING		59Z113-000-Y																						
Change History <table><tr><th>Rev.</th><th>Date</th><th>Change</th></tr><tr><td>b00</td><td>02.09.13</td><td>Data specification changed from 13 ±0.2 to 12.95 ±0.2 and 26.35 ±0.2 to 26.4 ±0.2. Environmental data specification changed from 6.2 to 8.2, 6.3 to 8.3, 6.1 to 8.1, 6.4 to 8.4 and 2002/95/EC (RoHS) changed to RoHS</td></tr><tr><td>c00</td><td>20.01.15</td><td>Index clearing up</td></tr><tr><td>d00</td><td>25.10.17</td><td>- Changed Standard: From "500 pcs in box" to "1500 pcs in box" - Material specification of Housing changed: From "PBT" to "PBT-GF20" - Material specification of Secondary Lock changed: From "PBT" to "PBT-GF10"</td></tr></table>								Rev.	Date	Change	b00	02.09.13	Data specification changed from 13 ±0.2 to 12.95 ±0.2 and 26.35 ±0.2 to 26.4 ±0.2. Environmental data specification changed from 6.2 to 8.2, 6.3 to 8.3, 6.1 to 8.1, 6.4 to 8.4 and 2002/95/EC (RoHS) changed to RoHS	c00	20.01.15	Index clearing up	d00	25.10.17	- Changed Standard: From "500 pcs in box" to "1500 pcs in box" - Material specification of Housing changed: From "PBT" to "PBT-GF20" - Material specification of Secondary Lock changed: From "PBT" to "PBT-GF10"							
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