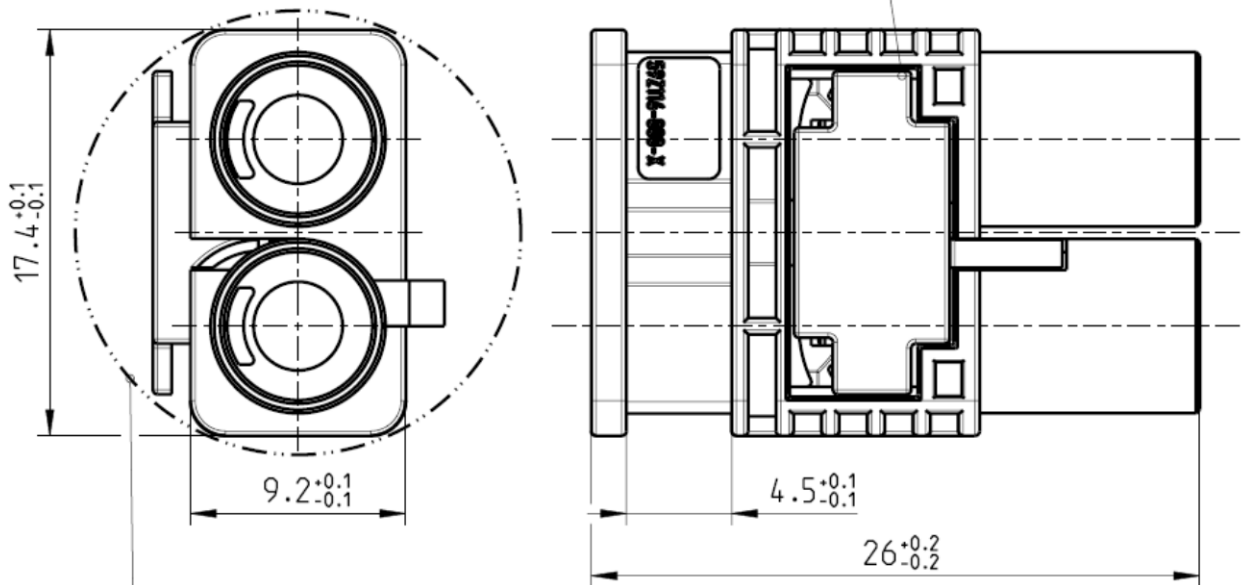


Sekundaersicherung im Lieferzustand vorverrastet
secondary lock in pre-position delivered



Huellkreis $\varnothing 19.0\text{mm}$ im Endzustand
envelope $\varnothing 19.0\text{mm}$ in final assembled state

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

Interface

According to DIN 72594-1

Material

Housing PBT-GF10 (b)
Secondary Lock PBT-GF10 (b)


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 $\geq 40\text{ N}$

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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^{*1)}, 59S10L-1xx^{*1)}, 59S10o-1xx^{*1)}, 59S16A-1xx^{*1)}
















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

Packing

Standard	600 pcs in box
Weight	2.00 g/pce

Coding

Part Number has to be accomplished by codification

	Coding	Color	RAL	Part-Number
	A	black	sim. 9005	59Z116-000-A
	B	white	sim. 9001	59Z116-000-B
	C	blue	sim. 5005	59Z116-000-C
	D	bordeauxviolet	sim. 4004	59Z116-000-D
	E	green	sim. 6002	59Z116-000-E
	F	brown	sim. 8011	59Z116-000-F
	G	grey	sim. 7031	59Z116-000-G
	H	violet	sim. 4003	59Z116-000-H
	I	beige	sim. 1001	59Z116-000-I
	K	curry	sim. 1027	59Z116-000-K
	L	carmine red	sim. 3002	59Z116-000-L ^{*2)}
	M	pastel orange	sim. 2003	59Z116-000-M ^{*2)}
	N	pastel green	sim.6019	59Z116-000-N ^{*2)}
	Z	waterblue	sim. 5021	59Z116-000-Z
		traffic purple	sim. 4006	secondary lock

^{*2)} available on request

Change History

Rev.	Date	Change
b00	29.11.16	Housing material data from PBT to PBT-GF10 Secondary lock material data from PBT to PBT-GF10 RoHS from "2002/95/EC (RoHS)" to "RoHs"

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Michael Lang	28.06.10	C. Anfang	29.11.16	b00	16-1976	R. Gnodtke	29.11.16

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