

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 and plating

Connector parts

	Material
Housing	PPE
Secondary Lock	PPE

Mechanical data

Mating cycles	≥ 25
Retention force primary lock	≥ 80 N
Retention force secondary lock	≥ 60 N
Coding efficiency	≥ 40 N

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FAKRA-HF

PLASTIC HOUSING

59Z016-000-Y

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
 RoHS compliant e

Application

Applicable e.g. for following connectors: 59S10E-1xx *; 59S10L-1xx *; 59S100-1xx *

* -xx for all available cable variatios











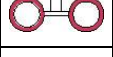
Packing

Standard 200 pcs in box, 600 pcs in reusable container e
 Weight 2.13 g/pce

f

Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number
 A	Jet black	sim. 9005	59Z016-000_A
 B	Cream white	sim. 9001	59Z016-000_B
 C	Signal blue	sim. 5005	59Z016-000_C
 D	Claret violet	sim. 4004	59Z016-000_D
 E	Leaf green	sim. 6002	59Z016-000_E
 F	Nut brown	sim. 8011	59Z016-000_F
 G	Blue grey	sim. 7031	59Z016-000_G
 H	Heather violet	sim. 4003	59Z016-000_H
 I	Beige	sim. 1001	59Z016-000_I
 K	Curry	sim. 1027	59Z016-000_K
 Z	Water blue	sim. 5021	59Z016-000_Z
	Traffic purple	sim. 4006	secondary lock

f

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Change History

Rev.	Date	Change
e00	26.10.17	- Changed Standard: From "tbd" to "200 pcs in box, 600 pcs in reusable container" - 2002/95/EC (RoHS) changed to RoHS
f00	04.11.18	- Picture updated - Changed weight position - Updated color designations

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
D.Oberhöller	10.08.05	F. Mayer	13.12.18	f00	18-2255	T. Unterhauser	13.12.18

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