

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

Housing	PPE
Secondary Lock	PPE

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

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RF_35/09_14/6.2

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



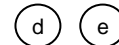
Application

Applicable e.g. for following connectors: 59K13D-1xx *; 59K13F-1xx *; 59K13O-1xx *; 59K16A-1xx *

* -xx for all available cable variations

Packing

Standard 150 pcs in box
 500 pcs in reusable container
 Weight 2,90 g/pce



Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number	
	A	black	sim. 9005	59Z017-000_A
	B	white	sim. 9001	59Z017-000_B
	C	blue	sim. 5005	59Z017-000_C
	D	bordeauxviolet	sim. 4004	59Z017-000_D
	E	green	sim. 6002	59Z017-000_E
	F	brown	sim. 8011	59Z017-000_F
	G	grey	sim. 7031	59Z017-000_G
	H	violet	sim. 4003	59Z017-000_H
	I	beige	sim. 1001	59Z017-000_I
	K	curry	sim. 1027	59Z017-000_K
	Z	waterblue	sim. 5021	59Z017-000_Z
		traffic purple	sim. 4006	secondary lock

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Change History

Rev.	Date	Change
d00	15.12.2015	Changed packing quantity from 150 pcs to 500 pcs Changed clause 6.2 to clause 8.2
e00	12.02.2016	Standard packing from '500 pcs in box' to '150 pcs in box' and '500 pcs in reusable container'

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
D. Oberholler	01.04.05	C. Anfang	07.12.16	f00	16-0040	V. Judt	07.12.16

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RF_35/09.14/6.2

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