



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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**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'

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
D. Oberh�ller	01.04.05	C. Anfang	07.12.16	f00	16-0040	V. Judt	07.12.16
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>				Tel. : +49 8684 18-0 Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>			Page 3 / 3

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