



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	$\geq 25$
Retention force latch	$\geq 110$ N
Retention force primary lock	$\geq 80$ N
Retention force secondary lock	$\geq 60$ N
Coding efficiency	$\geq 40$ 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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