

All dimensions are in mm; tolerances according to ISO 2768 m-H
Y = Part number has to be accomplished by codification

Interface and coding

According to DIN 72594-1

Material and plating

Connector parts

Housing	PBT-GF20
Secondary lock	PBT-GF10

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

Technical Data Sheet

Rosenberger

FAKRA -
HF

PLASTIC HOUSING

59Z063-000-Y

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: 59K130-1xx*; 59K16A-1xx*; 59K16B-1xx*; 59K170-1xx*;
59K17K-1xx*

* -xx for all available cable variations














Packing

Standard 250 pcs in box; 1500 pcs in returnable box
Weight 1.65 g/pce

Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number	
	A	black	sim. 9005	59Z063-000-A
	B	white	sim. 9001	59Z063-000-B
	C	blue	sim. 5005	59Z063-000-C
	D	bordeauxviolet	sim. 4004	59Z063-000-D
	E	green	sim. 6002	59Z063-000-E
	F	brown	sim. 8011	59Z063-000-F
	G	grey	sim. 7031	59Z063-000-G
	H	violet	sim. 4003	59Z063-000-H
	I	beige	sim. 1001	59Z063-000-I
	K	curry	sim. 1027	59Z063-000-K
	Z	waterblue	sim. 5021	59Z063-000-Z
		traffic purple	sim. 4006	secondary lock

Change History

Rev.	Date	Change
f00	11.05.15	Application for following connectors added:59K16B-1xx*,59K17K-1xx*
g00	29.11.17	Changed envelope to 14,5mm; changed 26,35+0,3-0,2 to 26,4±0,2; 13,4+0,1/-0,2 to 13,4±0,2 and 9,4+0,2/-0,1 to 9,4±0,2

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
M. Zebhauser	01.09.04	M. Geiger	29.11.17	g00	17-1991	S. Guggenberger	29.11.17
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Mouser Electronics

Authorized Distributor

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[59Z063-000Z](#) [59Z063-000H](#)