



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: 59K13O-1xx\*; 59K16A-1xx\*; 59K16B-1xx\*; 59K17O-1xx\*; 59K17K-1xx\*

\* -xx for all available cable variations



## Packing

Standard	1500 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
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
h00	11.05.20	Added 1250 pcs in box
i00	16.06.21	Removed 250 pcs and 1250 pcs; added 1500 pcs in box

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	F. Danzl	16.06.21	i00	21-0973	M. Berthold	16.06.21

Rosenberger Hochfrequenztechnik GmbH & Co. KG  
P.O.Box 1260 D-84526 Tittmoning Germany  
[www.rosenberger.de](http://www.rosenberger.de)

Tel. : +49 8684 18-0  
Email : [info@rosenberger.de](mailto:info@rosenberger.de)

Page  
2 / 2