



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; ISO 20860-1

Material and plating

Connector parts

Housing
Clamp

Material

PA12-GF23
PBT-GF10

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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FAKRA -
HF

PLASTIC HOUSING

59Z076-001-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: 59K13D-1xxA4 *, 59K13F-1xxA4 *, 59K13O-1xxA4 *, 59k16A-1xxA4*, 59K16B-1xxT4*

* -xx for all available cable variations
* only to assembly with codingring

Packing

Standard 75 pcs in box, 300 pcs in reusable container (c)
Weight 5.4 g/pce

Coding

Part Number has to be accomplished by codification

(b)

Coding		Color	RAL	Part-Number
	A	black	sim. 9005	59Z076-001-A
	B	white	sim. 9001	59Z076-001-B
	E	green	sim. 6002	59Z076-001-E

Change History

Rev.	Date	Change
b00	14.03.17	added coding pictures
c00	26.10.17	Changed Standard: From "75 pcs in box" to "75 pcs in box, 300 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
F. Hohenadl	17.02.14	P. Blaßfeld	26.10.17	c00	17-1457	C. Ostermaier	26.10.17

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