

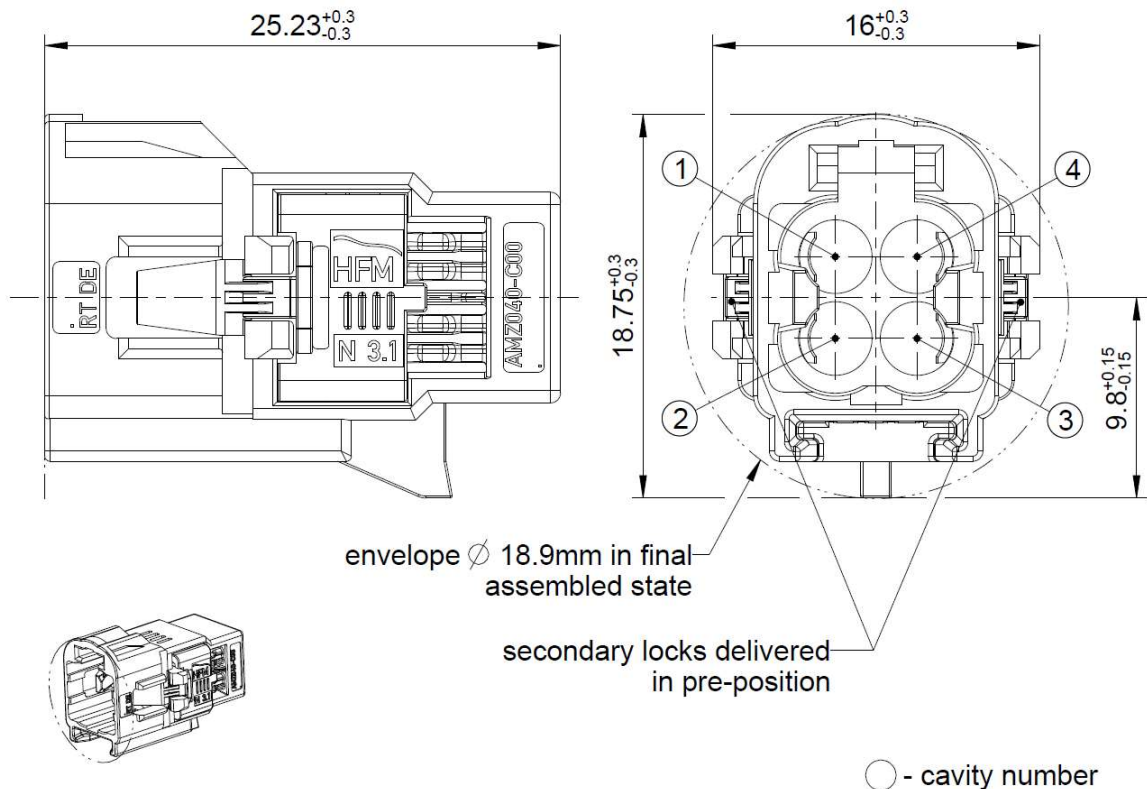
Technical Data Sheet

Rosenberger

HFM®
High-Speed FAKRA Mini

PLASTIC HOUSING

AMZ040-C00-Y



rrY = Part number has to be accomplished by codification

Interface

According to
Clip slot acc. to

RN_108-04
USCAR 18.rev.3 app. C

Material

Connector parts

Housing
Secondary lock

Material

PBT-GF20
PBT-GF20

Mechanical data

Mating cycles	≥ 25
Retention force latch	≥ 110 N
Retention force primary lock	≥ 80 N
Retention force secondary lock	≥ 80 N
Coding efficiency	≥ 150 N

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Environmental data

Temperature range	-40°C to +105°C
Thermal shock	ISO 20860-2 clause 9.2
Temperature and humidity	ISO 20860-2 clause 9.3
Vibration and mechanical shock	ISO 20860-2 clause 9.1
Dry heat	ISO 20860-2 clause 9.4
RoHS	compliant

- Limitations are possible due to the used cable type -

Application

Applicable e.g. for following connectors: AMS11A-1xx **
AMS18A-1xx**

d

** -xx for all available cable variations

Packing

Standard 750 pcs in box, 750 pcs in reusable container
Weight 2.7 g ±2%

d

e

Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number-RT
 A	black	sim. 9005	AMZ040-C00-A
 B	white	sim. 9010	AMZ040-C00-B
 C	blue	sim. 5012	AMZ040-C00-C
 D	bordeauxviolet	sim. 4004	AMZ040-C00-D
 E	green	sim. 6017	AMZ040-C00-E
 F	brown	sim. 8011	AMZ040-C00-F
 G	grey	sim. 7036	AMZ040-C00-G *
 Z	waterblue	sim. 5021	AMZ040-C00-Z
	traffic purple	sim. 4006	secondary lock

c

* on request

e

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Changes

Rev.	Date	Change
c00	13.01.22	* by Coding G added
d00	30.01.23	Removal of application AMS10F-1xx; changed number per box from 350 pieces to 750 pieces
e00	04.05.23	Weight corrected, added note "on request"

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.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
C. Schmidt	09.11.16	T. Miedl	04.05.23	e00	23-0575	R. Sadic	04.05.23
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