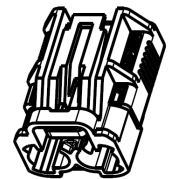


Secondary lock delivered in pre-lock position

A-A



All dimensions are in mm;  
Y = Part number has to be accomplished by codification

**Interface**  
According to RN\_132-02

**Documents**  
Pinning instruction RN\_131-01  
Test specification USCar 2

**Material and plating**  
**Connector parts**  
Housing Material PBT-GF20  
Secondary lock Material PBT-GF20

**Preliminary**

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**Mechanical data**

Mating cycles	≥ 5
Engagement force	≤ 45 N
Disengagement force	≥ 5 N
Retention force latch	≥ 110 N
Coding efficiency	≥ 80 N

**Environmental date**

Temperature range	-40°C to +105°C
Thermal shock	IEC 60068-2-14 Test NA
Temperature and humidity	USCar 2 – 4 5.6.2
Vibration (Random)	IEC 60068-2-64
Mechanical Shock	IEC 60068-2-27
High-Temp. Exposure	IEC 60068-2-2
RoHS	compliant

**Application**

Applicable e.g. for following connectors	E7S21B-40MXX-Y
Required piece part	E7K10A-1AQXX-Y

**Packing**

Standard	tbd pcs in box
Weight	~ 1,9 g/housing

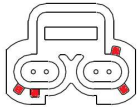
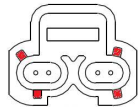
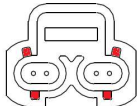
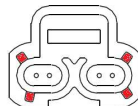
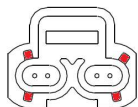
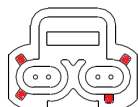
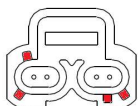
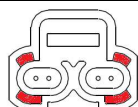
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**Coding**

Part Number has to be accomplished by codification

Coding	Plug	Colour	RAL	Part-Number
A		jet black	sim.9005	E7Z014-000-A
B		pure white	sim. 9010	E7Z014-000-B
C		light blue	sim. 5012	E7Z014-000-C
D		claret violet	sim. 4004	E7Z014-000-D
E		may green	sim. 6017	E7Z014-000-E
F		nut brown	sim. 8011	E7Z014-000-F
G		platinum grey	sim. 7036	E7Z014-000-G
Z		water blue	sim. 5021	E7Z014-000-Z

**Preliminary**

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
N. Naus	30.01.18	A. Eder	30.10.18	100	18-m090	N. Naus	30.10.18