

170.362.700.207.000

ODU DOCK Silver-Line



Socket 1.02 mm, AWG 20/22, 0.38-0.5 qmm, crimp termination



Basic information

Part number	170.362.700.207.000
Category	Contact

Contact insert description

Contact type	Sockets
Contact diameter	1.02 mm
Termination type	Crimp
Wire cross section AWG	AWG 20 – 22
Wire cross section mm ²	0.38 mm ² - 0.5 mm ²

Crimptools



080.000.051.000.000

crimp tool 0.08 - 2.5 mm² 8-point

Tool	080.000.051.000.000
Tool Instruction	Crimp_Instruction_080.000.051.000.000.pdf
Tool Adjustment Dimension	0.92
Tool Positioner One	080.000.051.101.000
Tool Positioner One Setting	2

Removal tools



087.611.001.001.000

ODU-MAC removal tool contacts ø0.76 - 4.0 mm



087.170.362.000.000

removal tool 1.02 mm angled



085.611.001.001.000

ODU-MAC insertion tool contacts ø0.76 - 1.5 mm

Technical information

Max. current single contact	9 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Contact resistance	2 mΩ	

Nominal current Single contact: Determined acc. to IEC 60512-5-1:2002 (DIN EN 60512-5-1:2003) at a temperature increase of 45 K: When determining the current-carrying capacity for a fully equipped insert, take the reduction factor into account.

The current load information is valid for single contacts or fully equipped modules. For use in connector systems, the load should be reduced according to VDE 0298-4:2013-06

Contact resistance: 2 mΩ

Mechanical and environmental data

Mating cycles	minimum 100.000
Upper temperature limit	125 °C
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Weight	0.2 g

In the ODU-MAC Silver-/ White-Line product portfolio we explicitly recommend that the modules are purchased assembled with the frames in order to prevent possible errors in the assembly process. Only in exceptional cases we can supply individual parts. However we cannot take any liability therefore. We would like to emphasize the usage of our ODU tools, as well as our current assembly instructions in the download area: <https://odu-connectors.com/silver-white-line-instructions>

Material and surface treatments

Material	Cu-Alloy
Contact material	Gold

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.

Further technical information and downloads

[3D-File \(STP File\)](#)

[Assembly Instruction](#)