

Pin 2.41 mm, short, pcb termination**Basic information**

Part number	180.820.000.301.000
Category	Contact

Contact insert description

Contact type	Pins
Contact diameter	2.41 mm
Termination type	Circular pin

Technical information

Nominal current single contact	28 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Contact resistance	0.45 mOhm	
Operating voltage	500 V	
Rated surge voltage	3000 V	

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

Mechanical and environmental data

Mating cycles	minimum 100.000
Max. operating temperature	125 °C
Min. operating temperature	-40 °C
Weight	2.294 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 with matt chrome finish
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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](#)