

Pin 1.5 mm, short, pcb termination**Basic information**

Part number	180.539.000.307.000
Category	Contact

Contact insert description

Contact type	Pins
Contact diameter	1.5 mm
Termination type	Circular pin

Technical information

Max. current single contact	18 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Contact resistance	0.95 mΩ	
Operating voltage	500 V	
Rated surge voltage	2500 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
Upper temperature limit	125 °C
Max. operating temperature	125 °C
Min. operating temperature	-40 °C
Weight	1.068 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
Contact material	Cu-alloy with gold finish over Ni

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