

Socket 3.5 mm, Au, AWG 12, 4.0 qmm, crimp termination



Basic information

Part number	177.059.000.270.000
Category	Contact

Contact insert description

Contact type	Sockets
Contact diameter	3.5 mm
Termination type	Crimp
Wire cross section AWG	AWG 12
Wire cross section mm ²	4 mm ²

Crimptools



080.000.062.000.000

crimp tool 1.5 - 6.0 mm² hexagonal

Part number	177.059.000.270.000
Tool	080.000.062.000.000
Tool Instruction	Crimp_Instruction_080.000.062.000.000.pdf
Tool Adjustment Dimension	Profil 3

Removal tools



087.7CC.350.001.000

Removal tool for crimp-clip contacts, diameter 3.5 mm

Technical information

Nominal current single contact	39 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Contact resistance	0.4 mΩ	
Operating voltage	2500 V	
Rated surge voltage	10000 V	

For Push-Lock only with max. 2,5 mm² possible, if PE grounding is needed.

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

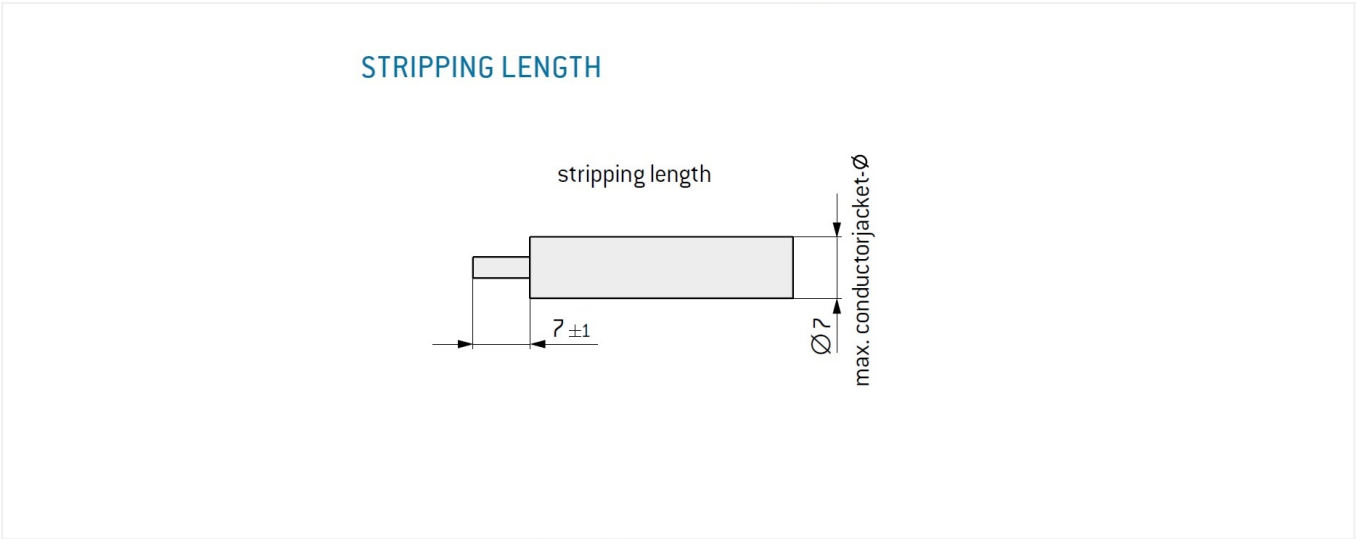
Mating cycles	10000
Max. operating temperature	125 °C
Min. operating temperature	-40 °C
Weight	1.36 g

Material and surface treatments

Material	Cu-alloy with gold 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.

Graphics and technical drawings



Further technical information and downloads

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