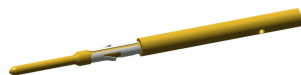


185.B27.000.270.000

ODU-MAC® Blue-Line

Pin, long, 0.7 mm, Au, AWG 26/30, 0.05-0.14 qmm, crimp termination



Basic information

Part number	185.B27.000.270.000
Category	Contact

Contact insert description

Contact type	Pins
Contact diameter	0.7 mm
Termination type	Crimp
Wire cross section AWG	AWG 26 – 30
Wire cross section mm ²	0.05 mm ² - 0.14 mm ²

Crimptools



080.000.051.000.000
crimp tool 0.08 - 2.5 mm² 8-point

Part number	185.B27.000.270.000
Tool	080.000.051.000.000
Tool Instruction	Crimp_Instruction_080.000.051.000.000.pdf
Tool Adjustment Dimension	AWG 30 = 0.45; AWG 26-28 = 0.55
Tool Positioner One	080.000.051.101.000
Tool Positioner One Setting	9

Removal tools



087.7CC.070.005.000
Removal tool for crimp-clip contacts, diameter 0.7 mm

Technical information

Nominal current single contact	6.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) at a temperature increase of 45 K
Contact resistance	3.5 mΩhm	

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

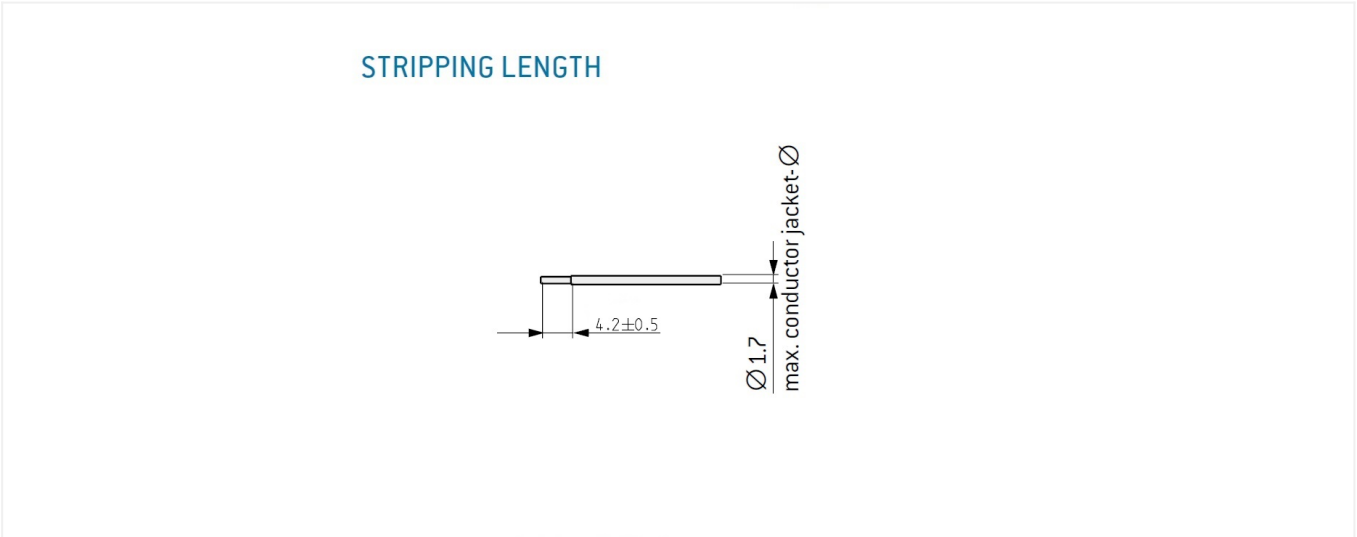
Mating cycles	10000
Upper temperature limit	125 °C
Max. operating temperature	125 °C
Min. operating temperature	-40 °C
Weight	0.19 g

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

Assembly Instruction
