

**In-line receptacle****General information**

Part number	K10LAC-P09LCC0-5600	 <small>Illustrations may differ from original product. Dimensions, unless otherwise specified, in mm.</small>
Termination	Solder	
Size	0	
Locking principle	Break-Away, Push-Pull	
Coding	30°	
Cable Diameter	5 – 5.6 mm	
Cable outlet	Back nut	



The pin layout corresponds to the view on the termination area

**Contact insert description**

Number of contacts	9
Contact type	Sockets
Contact diameter	0.5 mm
Insulator material	PEEK
Wire cross section	AWG 28
Termination	Solder
Termination diameter	0.45 mm

Reverse gender on request

**Technical information**

Max. creepage and air clearance distance	0.4 mm (Contact to contact)	0.8 mm (Contact to housing)
Nominal current single contact	4 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	2,6 A	VDE 0298-4:2003
Test voltage	0.6 kV AC	SAE AS 13441:1998 method 3001.1

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 V AC / 75 V DC, according to IEC 61140:2016 [VDE 0140-1:2016] Protection against electric shock - Common aspects for installation and equipment. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. In this context, lower voltage ratings may be valid. Warning: Danger to life for operating voltages above 50 V AC / 120 V DC!

## Mechanical and environmental data

Degree of protection*	IP50
Operating temperature	-40 °C – 120 °C
Mating cycles	5000

\*mated & unmated condition

## Material and surface treatments

Housing	Cu-alloy with matt chrome finish
Contact	Cu-alloy with gold finish

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

ODU MEDI-SNAP® and MINI-SNAP® are UL-approved [E110586].

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.