**S10K0C-P10MCC9-4500**

ODU MINI-SNAP® Series K

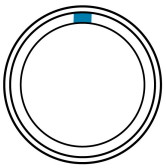
# Straight plug

## General information

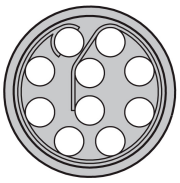
| | |
|---|---|
| **Part number** | S10K0C-P10MCC9-4500 |
| **Termination** | Solder |
| **Size** | 0 |
| **Locking principle** | Push-Pull |
| **Coding** | 0° |
| **Cable Diameter** | 4 – 4.5 mm |
| **Cable outlet** | Back nut |

Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.

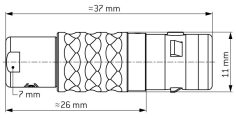
CODING: 0 °



POSITIONS: 10 Positions



DIMENSIONS




The pin layout corresponds to the view on the termination area

## Contact insert description

| | |
|---|---|
| **Number of contacts** | 10 |
| **Contact type** | Pins |
| **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** | 0.3 mm (Contact to contact) | 0.5 mm (Contact to housing) |
| **Nominal current single contact** | 4 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| **Nominal current insert** | 2,2 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*** | IP68 |
| **Operating temperature** | -40 °C – 120 °C |
| **Mating cycles** | 5000 |

*mated 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.