

## Straight plug for cable bend relief

### General information

|                   |                     |   |
|-------------------|---------------------|---|
| Part number       | S21LOC-P16MCC0-770S |  |
| Termination       | Solder              |   |
| Size              | 1                   |   |
| Locking principle | Push-Pull           |   |
| Coding            | 0°                  |   |
| Cable Diameter    | 7 – 7.7 mm          |   |
| Cable outlet      | Cable bend relief   |   |

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



The pin layout corresponds to the view on the termination area

### Contact insert description

|                      |         |
|----------------------|---------|
| Number of contacts   | 16      |
| 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 | 0.4 mm (Contact to contact) | 0.9 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 A                         | VDE 0298-4:2003                            |
| Test voltage                             | 0.9 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

|                              |                 |
|------------------------------|-----------------|
| <b>Degree of protection*</b> | IP50            |
| <b>Operating temperature</b> | -40 °C – 120 °C |
| <b>Mating cycles</b>         | 5000            |

\*mated & unmated condition

## Material and surface treatments

|                |                                  |
|----------------|----------------------------------|
| <b>Housing</b> | Cu-alloy with matt chrome finish |
| <b>Contact</b> | 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.