

## ODU AMC® HD, Straight plug with screw-lock

### General information

|                   |                          |
|-------------------|--------------------------|
| Part number       | C1CWAM-P07XBC0-0000      |
| Termination       | Solder                   |
| Size              | 00                       |
| Locking principle | Break-Away, Screwlocking |
| Coding            | A (light brown)          |
| Cable Diameter    | 3.2 – 5.0 mm             |
| Cable outlet      | For overmolding          |



### Contact insert description

|                    |        |
|--------------------|--------|
| Number of contacts | 7      |
| Contact type       | Pins   |
| Contact diameter   | 0.3 mm |
| Insulator material | PEEK   |
| Wire cross section | AWG 28 |
| Termination        | Solder |

Reverse gender on request

### Technical information

|                                |            |  |
|--------------------------------|------------|--|
| Nominal current single contact | 1 A        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Nominal current insert         | 0,65 A     | VDE 0298-4:2003                            |
| Test voltage                   | 0.75 kV DC | EIA-364-20F:2019-02                        |

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 VAC / 75 VDC, 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 VAC / 120 VDC!

## Mechanical and environmental data

|                       |                 |
|-----------------------|-----------------|
| Degree of protection* | IP6K8 / IP6K9K  |
| Operating temperature | -51 °C – 125 °C |
| Mating cycles         | 5000            |

\*mated condition

## Material and surface treatments

|         |                                |
|---------|--------------------------------|
| Housing | Cu-alloy with ruthenium 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.