

## General information

Part number	S21F1C-P06MFG0-700S
Termination	Solder
Size	1
Locking principle	Push-Pull
Coding	1 (half-shell)
Cable Diameter	6.5 – 7 mm
Cable outlet	For cable bend relief



## Contact insert description

Number of contacts	6
Contact type	Pins
Contact diameter	0.7 mm
Insulator material	PEEK
Wire cross section	AWG 22
Termination	Solder
Termination diameter	0.85 mm

Reverse gender on request

## Technical information

Max. creepage and air clearance distance	0.6 mm [Contact to contact]	0.8 mm [Contact to housing]
Nominal current single contact	7.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	5,625 A	VDE 0298-4:2003
Test voltage	1 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.