

## Straight plug for cable bend relief

### General information

Part number	S21MAS-P04MJG0-398S	
Termination	Solder	
Size	1	
Locking principle	Push-Pull	
Coding	A (40°)	
Cable Diameter	2.7 – 3.9 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	4
Contact type	Pins
Contact diameter	0.9 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	1.2 mm (Contact to contact)	IEC 60601-1: 2MOPP, 2MOOP*
Nominal current single contact	7.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	7,5 A	VDE 0298-4:2003
Test voltage	1.3 kV AC	EIA-364-20F:2019-02

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!

\* As per IEC 60601-1:2012 (VDE 0750-1:2013-12) if a matching 2MOPP/2MOOP receptacle is selected. Max working voltage of the medical electrical device 250 V AC (degree of pollution 2).

## Mechanical and environmental data

<b>Degree of protection*</b>	IP50
<b>Operating temperature</b>	-50 °C – 120 °C
<b>Mating cycles</b>	2000

\*mated & unmated condition

## Insulator materials MEDI-SNAP®

	<b>Standard</b>	<b>PEEK</b>
<b>Flammability rating</b>	UL 94	V-0/1.5
<b>Operation temperature</b>		-50 to +250 °C
<b>Dielectric strength</b>	IEC 60243-1:2013 (VDE 0303-21:2014)	19 kV/mm
<b>Comparative figure of the creep resistance CTI</b>	IEC 60112: 2009 (VDE 0303-11:2010)	175
<b>Water absorption</b>	ASTM D 570:1998 / ISO 62:2008	0.1 %
<b>Sterilization (autoclaving)</b>	DIN EN 13060:2019-02	> 200 cycles
<b>Insulation resistance</b>	IEC 60512-3-1:2002 (DIN EN 60512-3-1:2003-01)	> 1 x 10 <sup>12</sup> Ω

## Material and surface treatments

<b>Housing</b>	PEI black
<b>Color option</b>	Black
<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.