

## straight\_push\_pull\_plug\_for\_bend\_relief

size: 1, IP50, keying: 0, number\_of\_contacts: 7, crimp, contact\_type: pins, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S21M08-P07PFG0-398S |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 1                   |

### Contact insert description

|                        |                             |
|------------------------|-----------------------------|
| Special features       | iec_60601_1_2_mopp_&_2_moop |
| Transmission type      | Signal                      |
| Number of contacts     | 7                           |
| Contact type           | pins                        |
| Contact diameter       | 0.7 mm                      |
| Termination type       | crimp                       |
| Wire cross section AWG | AWG 22 – 26                 |

### Crimp contacts

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

[185.374.000.207.000](https://www.odu.com/185.374.000.207.000)

### Technical information

|  |                              |  |
|--|------------------------------|--|
| Max. current single contact                  | 7.5 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 4.875                        | VDE 0298-4:2003                            |
| Test voltage                                 | 1.1 kV AC                    | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 0.65 mm (Contact to housing) |  |
| Max. creepage distance (contact to housing)  | IEC 60601-1: 2MOPP, 2MOOP*   |  |
| Max. clearance distance (contact to contact) | 0.65 mm (Contact to contact) |  |
| Max. clearance distance (contact to housing) | IEC 60601-1: 2MOPP, 2MOOP*   |  |

## Cable description

|                     |                   |
|---------------------|-------------------|
| Cable outlet        | cable_bend_relief |
| Min. cable diameter | 2.7               |
| Max. cable diameter | 3.9               |

## Mechanical and environmental data

|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 2000      |
| IP class                   | IP50      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | 50 °C     |

## Material and surface treatments

|                                  |                           |
|----------------------------------|---------------------------|
| Material                         | psu_black                 |
| Insulator material               | peek                      |
| Contact material                 | cu_alloy_with_gold_finish |
| Color option (Front or back nut) | black                     |

## Insulator materials MEDI-SNAP®

psu\_peek

## DIMENSIONS



## CODING: 0°



## POSITIONS: 7 Positions



### Further technical information and downloads

[3D-File \[STP File\]](#)

[Assembly Instruction](#)