

**straight\_push\_pull\_plug**

size: 1, IP50, keying: 0, number\_of\_contacts: 5, crimp, contact\_type: pins, Signal

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | S11M08-P05PJH0-6580 |
| 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     | 5                           |
| Contact type           | pins                        |
| Contact diameter       | 0.9 mm                      |
| Termination type       | crimp                       |
| Wire cross section AWG | AWG 20 – 24                 |

**Crimp contacts**

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

[185.397.000.207.000](https://www.odu.com/185.397.000.207.000)
**Technical information**

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 10 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 7.5                         | VDE 0298-4:2003                            |
| Test voltage                                 | 1.05 kV AC                  | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 0.5 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | IEC 60601-1: 2MOPP, 2MOOP*  |                                            |
| Max. clearance distance (contact to contact) | 0.5 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | IEC 60601-1: 2MOPP, 2MOOP*  |                                            |

**Cable description**

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 5.3      |
| Max. cable diameter | 6.5      |

**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: 5 Positions



### Further technical information and downloads

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

[Assembly Instruction](#)