

**straight\_push\_pull\_plug**

size: 1, IP50, keying: a, number\_of\_contacts: 7, solder\_cup, contact\_type: pins, Signal

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | S11MA7-P07MFG0-3950 |
| 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       | solder_cup                  |
| Termination diameter   | 0.85 mm                     |
| Wire cross section AWG | AWG 22                      |

**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        | back_nut |
| Min. cable diameter | 2.7      |
| Max. cable diameter | 3.9      |

## Mechanical and environmental data

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

## Material and surface treatments

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

## Insulator materials MEDI-SNAP®

psu\_peek

## DIMENSIONS



## CODING: 40°



## POSITIONS: 7 Positions



### Further technical information and downloads

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

[Assembly Instruction](#)