

## straight\_push\_pull\_plug

size: 1, IP50, keying: c, number\_of\_contacts: 6, solder\_cup, contact\_type: pins, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S11MCC-P06MFG0-3980 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 1                   |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 6          |
| 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

|                                              |                              |                                            |
|----------------------------------------------|------------------------------|--------------------------------------------|
| Nominal current single contact               | 7.5 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 5.625                        | 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. clearance distance (contact to contact) | 0.65 mm (Contact to contact) |                                            |

### 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                     | c         |
| Mating cycles              | 2000      |
| IP class                   | IP50      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | 50 °C     |

**Material and surface treatments**

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

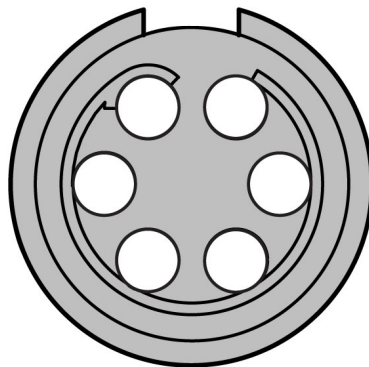
## DIMENSIONS



## CODING: 60°



## POSITIONS: 6 Positions



### Further technical information and downloads

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

[Assembly Instruction](#)