

**straight\_push\_pull\_plug**

size: 0, IP68, keying: 0, number\_of\_contacts: 7, solder\_cup, contact\_type: pins, Signal

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | S30B0C-P07MCC0-5000 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |

**Contact insert description**

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 7          |
| Contact type           | pins       |
| Contact diameter       | 0.5 mm     |
| Termination type       | solder_cup |
| Termination diameter   | 0.45 mm    |
| Wire cross section AWG | AWG 28     |

**Technical information**

|  |                             |  |
|--|-----------------------------|--|
| Nominal current single contact               | 4 A                         | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 2.6                         | VDE 0298-4:2003                            |
| Test voltage                                 | 0.9 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 0.7 mm (Contact to housing) |  |
| Max. creepage distance (contact to housing)  | 0.8 mm (Contact to housing) |  |
| Max. clearance distance (contact to contact) | 0.7 mm (Contact to contact) |  |
| Max. clearance distance (contact to housing) | 0.8 mm (Contact to housing) |  |

**Cable description**

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 4.5      |
| Max. cable diameter | 5        |

## Mechanical and environmental data

|                                   |           |
|-----------------------------------|-----------|
| <b>Locking principle</b>          | push_pull |
| <b>Mating cycles</b>              | 5.000     |
| <b>IP class</b>                   | IP68      |
| <b>Max. operating temperature</b> | 120 °C    |
| <b>Min. operating temperature</b> | -40 °C    |
| <b>Weight</b>                     | 9.97 g    |

ip\_protection\_class\_refers\_to\_mated\_condition

## Material and surface treatments

|                         |                                  |
|-------------------------|----------------------------------|
| <b>Material</b>         | cu_alloy_with_matt_chrome_finish |
| <b>Contact material</b> | cu_alloy_with_gold_finish        |

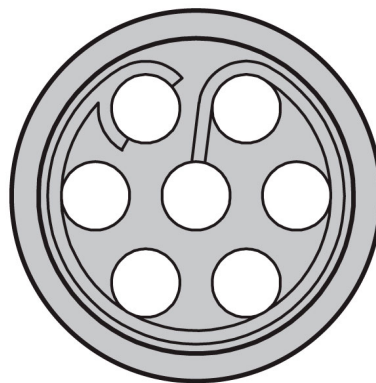
### DIMENSIONS:



### CODING: 0°



### POSITIONS: 7 Positions



### Further technical information and downloads

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

[Assembly Instruction](#)