

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

size: 1, IP50, keying: c, number\_of\_contacts: 12, solder\_cup, contact\_type: pins, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S21MCC-P12MCC9-52CS |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 1                   |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 12         |
| 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                          | 2.2                         | VDE 0298-4:2003                            |
| Test voltage                                 | 0.65 kV AC                  | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 0.5 mm (Contact to housing) |                                            |
| Max. clearance distance (contact to contact) | 0.5 mm (Contact to contact) |                                            |

### Cable description

|                     |                   |
|---------------------|-------------------|
| Cable outlet        | cable_bend_relief |
| Min. cable diameter | 4                 |
| Max. cable diameter | 5.2               |

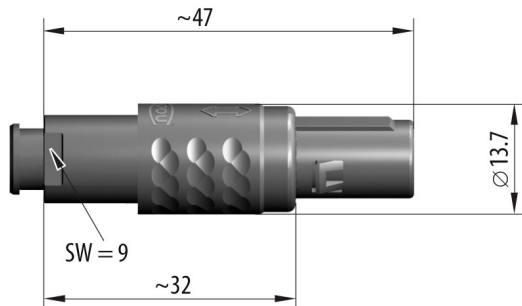
**Mechanical and environmental data**

|                            |            |
|----------------------------|------------|
| Locking principle          | push_pull  |
| Keying                     | coding_60° |
| Mating cycles              | 2.000      |
| IP class                   | IP50       |
| Max. operating temperature | 120 °C     |
| Min. operating temperature | 50 °C      |
| Weight                     | 19.36 g    |

**Material and surface treatments**

|                                  |                                  |
|----------------------------------|----------------------------------|
| Material                         | cu_alloy_with_matt_chrome_finish |
| Contact material                 | cu_alloy_with_gold_finish        |
| Color option (Front or back nut) | chrome_finish                    |

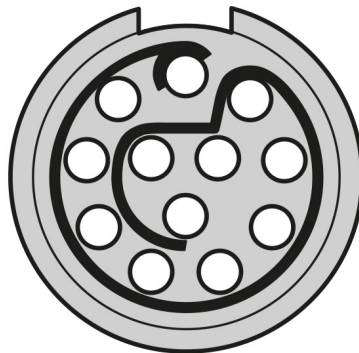
## DIMENSIONS



## CODING: 60°



## POSITIONS: 12 positions



### Further technical information and downloads

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

[Assembly Instruction](#)