

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

size: 2, IP68, keying: 0, number\_of\_contacts: 2, solder\_cup, contact\_type: pins, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S22K0C-P02MTQ0-500S |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 2                   |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 2          |
| Contact type           | pins       |
| Contact diameter       | 2 mm       |
| Termination type       | solder_cup |
| Termination diameter   | 1.85 mm    |
| Wire cross section AWG | AWG 16     |

### Technical information

|  |                             |  |
|--|-----------------------------|--|
| Max. current single contact                  | 18 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 18                          | VDE 0298-4:2003                            |
| Test voltage                                 | 2.1 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 1.6 mm (Contact to housing) |  |
| Max. creepage distance (contact to housing)  | 1.0 mm (Contact to housing) |  |
| Max. clearance distance (contact to contact) | 1.6 mm (Contact to contact) |  |
| Max. clearance distance (contact to housing) | 1.0 mm (Contact to housing) |  |

### Cable description

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

## Mechanical and environmental data

|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 5.000     |
| IP class                   | IP68      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | -40 °C    |
| Weight                     | 40.68 g   |

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

## Material and surface treatments

|                  |                                  |
|------------------|----------------------------------|
| Material         | cu_alloy_with_matt_chrome_finish |
| Contact material | gold                             |

### DIMENSIONS:



### CODING: 0°



### POSITIONS: 2 Positions



#### Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)