

## S40B0C-PU4MFG0-400S

odu\_mini\_snap®\_series\_b

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

size: 0, IP68, keying: 0, number\_of\_contacts: 4, solder\_cup, contact\_type: pins, USB® 2.0 (480 Mbit/s)



#### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S40B0C-PU4MFG0-400S |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |

#### Contact insert description

|                        |                       |
|------------------------|-----------------------|
| Special features       | data_transmission     |
| Transmission type      | USB® 2.0 (480 Mbit/s) |
| Number of contacts     | 4                     |
| 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                          | 7.5                         | VDE 0298-4:2003                            |
| Test voltage                                 | 0.9 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 0.6 mm (Contact to housing) |  |
| Max. creepage distance (contact to housing)  | 0.8 mm (Contact to housing) |  |
| Max. clearance distance (contact to contact) | 0.6 mm (Contact to contact) |  |
| Max. clearance distance (contact to housing) | 0.8 mm (Contact to housing) |  |

#### Cable description

|                     |                   |
|---------------------|-------------------|
| Cable outlet        | cable_bend_relief |
| Min. cable diameter | 3.5               |
| Max. cable diameter | 4                 |

## Mechanical and environmental data

|                                   |           |
|-----------------------------------|-----------|
| <b>Locking principle</b>          | push_pull |
| <b>Mating cycles</b>              | 5000      |
| <b>IP class</b>                   | IP68      |
| <b>Max. operating temperature</b> | 120 °C    |
| <b>Min. operating temperature</b> | -40 °C    |

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

## Material and surface treatments

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

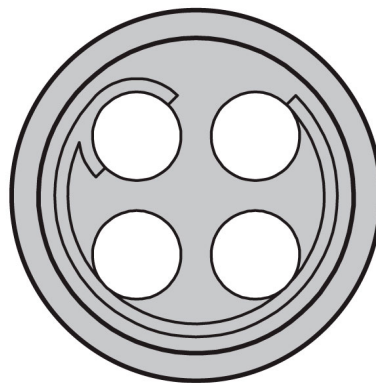
### DIMENSIONS:



### CODING: 0°



### POSITIONS: 4 Positions



### Further technical information and downloads

Connection diagram

[connection\\_diagram\\_04\\_pin\\_usb\\_2\\_0\\_typ\\_a](#)

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

[Assembly Instruction](#)