

**straight\_push\_pull\_plug**

size: 0, IP50, keying: 0, number\_of\_contacts: 4, crimp, contact\_type: sockets, Ethernet/IP® (100 Mbit/s)|USB® 2.0 (480 Mbit/s)

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | S10LOC-P04NFG0-5200 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 5feceb              |

**Contact insert description**

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| Special features       | data_transmission                                   |
| Transmission type      | Ethernet/IP® (100 Mbit/s) , , USB® 2.0 (480 Mbit/s) |
| Number of contacts     | 4                                                   |
| Contact type           | sockets                                             |
| Contact diameter       | ec72e6                                              |
| Termination type       | crimp                                               |
| Wire cross section AWG | 1ecad7                                              |

**Technical information**

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Max. current single contact                  | 4232cc                      | 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        | back_nut |
| Min. cable diameter | 4        |
| Max. cable diameter | 5.2      |

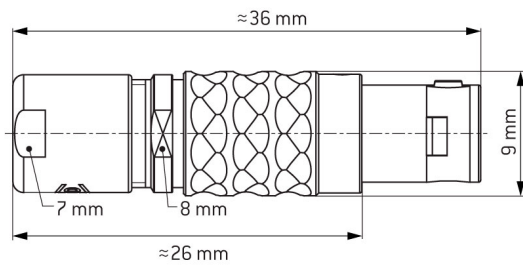
**Mechanical and environmental data**

|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 9e1839    |
| IP class                   | IP50      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | -40 °C    |
| Weight                     | 7.77 g    |

**Material and surface treatments**

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

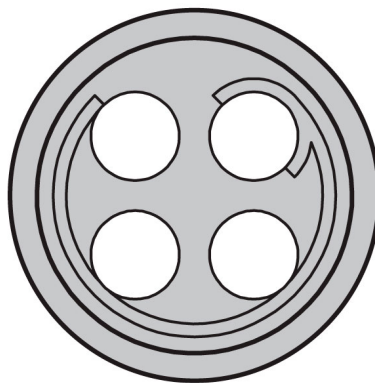
## DIMENSIONS



## 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](#)