

**straight\_in\_line\_receptacle\_with\_break\_away\_and\_push\_pull\_locking**

size: 0, IP50, keying: 0, number\_of\_contacts: 6, solder\_cup, contact\_type: sockets, Signal

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | K10LOC-P06LCC0-3200 |
| Category           | connector           |
| Type of connector  | in_line_receptacle  |
| Assembly situation | straight            |

**Contact insert description**

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 6          |
| Contact type           | sockets    |
| 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                          | 3                           | 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 | 2        |
| Max. cable diameter | 3.2      |

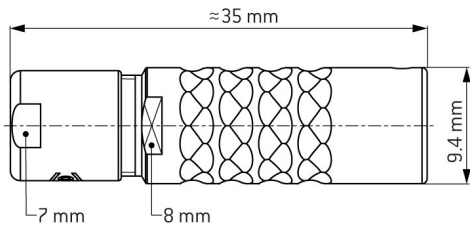
**Mechanical and environmental data**

|                            |                        |
|----------------------------|------------------------|
| Locking principle          | break_away , push_pull |
| Mating cycles              | 5.000                  |
| IP class                   | IP50                   |
| Max. operating temperature | 120 °C                 |
| Min. operating temperature | -40 °C                 |
| Weight                     | 17.5 g                 |

**Material and surface treatments**

|                  |                                  |
|------------------|----------------------------------|
| Material         | cu_alloy_with_matt_chrome_finish |
| Contact material | cu_alloy_with_gold_finish        |

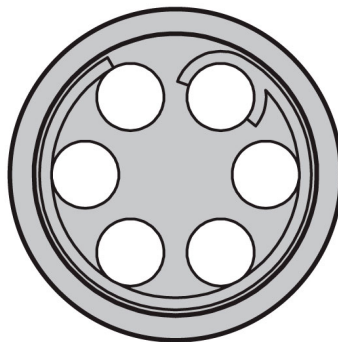
## DIMENSIONS



## CODING: 0 °



## POSITIONS: 6 Positions



### Further technical information and downloads

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

[Technical specifications](#)