

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

size: 2, IP68, keying: 0, number\_of\_contacts: 10, solder\_cup, contact\_type: sockets, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | K32B0C-P10LJG0-9000 |
| Category           | connector           |
| Type of connector  | in_line_receptacle  |
| Assembly situation | straight            |
| Size               | d4735e              |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 10         |
| Contact type           | sockets    |
| Contact diameter       | 2cbf01     |
| Termination type       | solder_cup |
| Termination diameter   | 08561d     |
| Wire cross section AWG | 374cb3     |

### Technical information

|  |                             |  |
|--|-----------------------------|--|
| Max. current single contact                  | 4232cc                      | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 4.125                       | VDE 0298-4:2003                            |
| Test voltage                                 | 1.5 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 1 mm (Contact to housing)   |  |
| Max. creepage distance (contact to housing)  | 1.2 mm (Contact to housing) |  |
| Max. clearance distance (contact to contact) | 1.0 mm (Contact to contact) |  |
| Max. clearance distance (contact to housing) | 1.2 mm (Contact to housing) |  |

### Cable description

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 8.5      |
| Max. cable diameter | 9        |

## Mechanical and environmental data

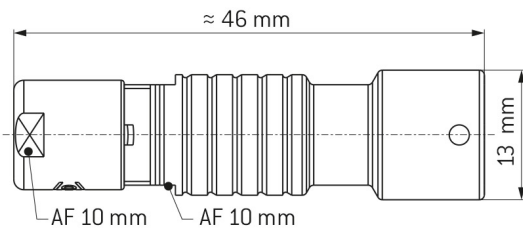
|                                   |                        |
|-----------------------------------|------------------------|
| <b>Locking principle</b>          | break_away , push_pull |
| <b>Mating cycles</b>              | 9e1839                 |
| <b>IP class</b>                   | IP68                   |
| <b>Max. operating temperature</b> | 120 °C                 |
| <b>Min. operating temperature</b> | -40 °C                 |
| <b>Weight</b>                     | 34.52 g                |

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

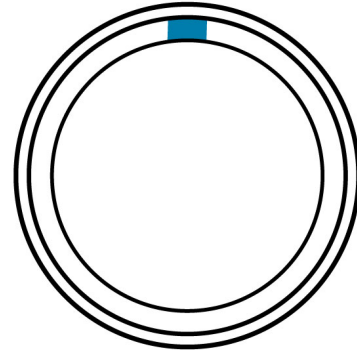
## Material and surface treatments

|                         |                                  |
|-------------------------|----------------------------------|
| <b>Material</b>         | cu_alloy_with_matt_chrome_finish |
| <b>Contact material</b> | gold                             |

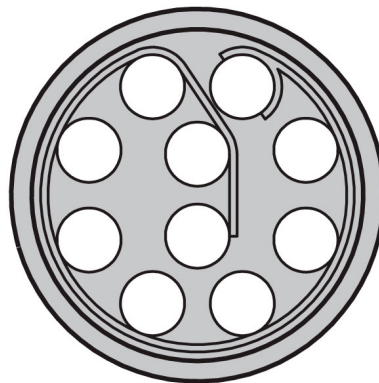
**DIMENSIONS:**



**CODING: 0°**



**POSITIONS: 10 Positions**



**Further technical information and downloads**

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