

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

size: 1, IP68, keying: 0, number\_of\_contacts: 8, solder\_cup, contact\_type: sockets, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | K11K0C-P08LFDO-5500 |
| Category           | connector           |
| Type of connector  | in_line_receptacle  |
| Assembly situation | straight            |
| Size               | 1                   |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 8          |
| Contact type           | sockets    |
| Contact diameter       | 0.7 mm     |
| Termination type       | solder_cup |
| Termination diameter   | 0.65 mm    |
| Wire cross section AWG | AWG 26     |

### Technical information

|  |                             |  |
|--|-----------------------------|--|
| Nominal current single contact               | 6 A                         | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 3.9                         | VDE 0298-4:2003                            |
| Test voltage                                 | 1 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 | 5        |
| Max. cable diameter | 5.5      |

## Mechanical and environmental data

|                                   |                        |
|-----------------------------------|------------------------|
| <b>Locking principle</b>          | break_away , 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

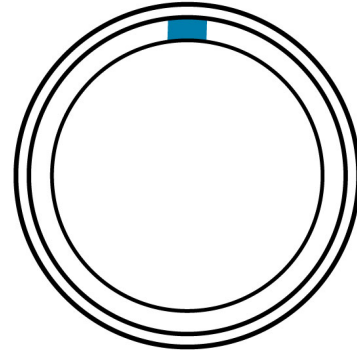
## Material and surface treatments

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

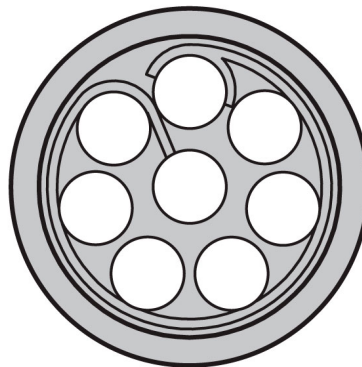
## DIMENSIONS



## CODING: 0°



## POSITIONS: 8 Positions



### Further technical information and downloads

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

[Technical specifications](#)