

## S11K0C-PD8MCD0-5500

odu\_mini\_snap®\_series\_k

### straight\_push\_pull\_plug

size: 1, IP68, keying: 0, number\_of\_contacts: 8, solder\_cup, contact\_type: pins, Ethernet/IP® (1 Gbit/s)



#### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S11K0C-PD8MCD0-5500 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 1                   |

#### Contact insert description

|                        |                         |
|------------------------|-------------------------|
| Special features       | data_transmission       |
| Transmission type      | Ethernet/IP® (1 Gbit/s) |
| Number of contacts     | 8                       |
| Contact type           | pins                    |
| Contact diameter       | 0.5 mm                  |
| Termination type       | solder_cup              |
| Termination diameter   | 0.65 mm                 |
| Wire cross section AWG | AWG 26                  |

#### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 5 A                         | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 2.6                         | VDE 0298-4:2003                            |
| Test voltage                                 | 750 V                       | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 0.5 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | 0.7 mm (Contact to housing) |                                            |
| Max. clearance distance (contact to contact) | 0.5 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | 0.7 mm (Contact to housing) |                                            |

**Cable description**

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 5        |
| Max. cable diameter | 5.5      |

**Mechanical and environmental data**

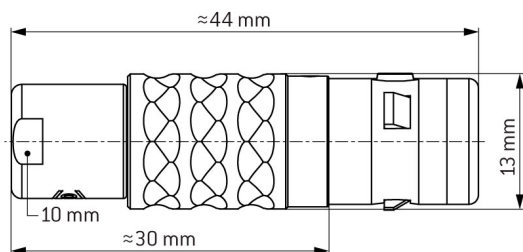
|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 5.000     |
| IP class                   | IP68      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | -40 °C    |
| Weight                     | 9.999 g   |

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

**Material and surface treatments**

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

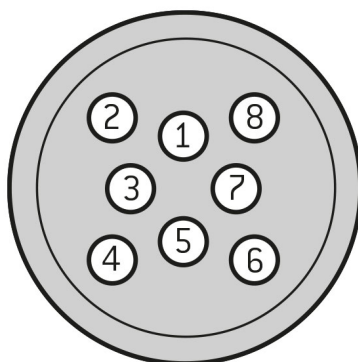
## DIMENSIONS



## CODING: 0°



## POSITIONS: 8 positions



### Further technical information and downloads

Connection diagram

[connection\\_diagram\\_8\\_pin\\_ethernet\\_1gbs\\_10gbs\\_rj45](#)

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

[Assembly Instruction](#)

[Technical specifications](#)