

## straight\_push\_pull\_plug\_for\_bend\_relief

size: 0, IP6K8 / IP6K9K, keying: c, number\_of\_contacts: 10, solder\_cup, contact\_type: pins, Signal



### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S10YCR-P10XCD0-0000 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 5feceb              |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 10         |
| Contact type           | pins       |
| Contact diameter       | 88d6d3     |
| Termination type       | solder_cup |
| Termination diameter   | 1d7c76     |
| Wire cross section AWG | 562f2b     |

### Technical information

|                             |           |                                            |
|-----------------------------|-----------|--------------------------------------------|
| Max. current single contact | 2f071a    | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert         | 2.75      | VDE 0298-4:2003                            |
| Test voltage                | 0.6 kV AC | EIA-364-20F:2019-02                        |

### Cable description

|                     |             |
|---------------------|-------------|
| Cable outlet        | overmolding |
| Min. cable diameter | 3           |
| Max. cable diameter | 5.5         |

**Mechanical and environmental data**

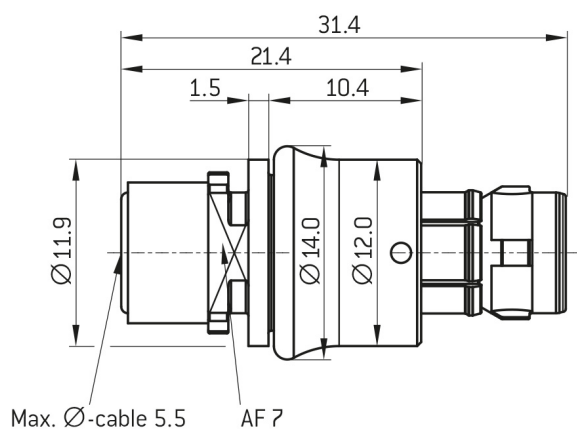
|                            |                |
|----------------------------|----------------|
| Locking principle          | push_pull      |
| Keying                     | c              |
| Mating cycles              | 0f8eb4         |
| IP class                   | IP6K8 / IP6K9K |
| Max. operating temperature | 125 °C         |
| Min. operating temperature | -51 °C         |
| Weight                     | 5.26 g         |

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

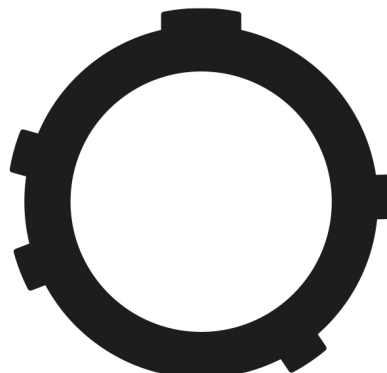
**Material and surface treatments**

|                    |                                |
|--------------------|--------------------------------|
| Material           | aluminum_with_ruthenium_finish |
| Insulator material | peek                           |
| Contact material   | gold                           |

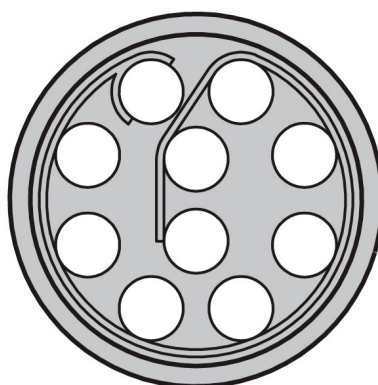
## DIMENSIONS:



## CODING:C



## POSITIONS: 10 Positions



## Further technical information and downloads

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

[Assembly Instruction](#)