

**straight\_break\_away\_plug\_for\_backshell**

size: 12 (STD 38999), IP6K8 / IP6K9K, keying: a, number\_of\_contacts: 22, crimp, contact\_type: pins, Signal

**Basic information**

|                    |                     |
|--------------------|---------------------|
| Part number        | ABTAATO-H022PN-0000 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 12 (STD 38999)      |

**Contact insert description**

|                        |        |
|------------------------|--------|
| Transmission type      | Signal |
| Number of contacts     | 22     |
| Contact type           | pins   |
| Contact diameter       | 0.5 mm |
| Termination type       | crimp  |
| Wire cross section AWG | AWG 26 |

**Crimp contacts**

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

[185.A21.000.306.000](#)**Technical information**

|                                |           |                                            |
|--------------------------------|-----------|--------------------------------------------|
| Nominal current single contact | 2 A       | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Test voltage                   | 0.5 kV AC | EIA-364-20F:2019-02                        |

**Cable description**

|                     |           |
|---------------------|-----------|
| Cable outlet        | backshell |
| Min. cable diameter | 5         |
| Max. cable diameter | 14.6      |

**Mechanical and environmental data**

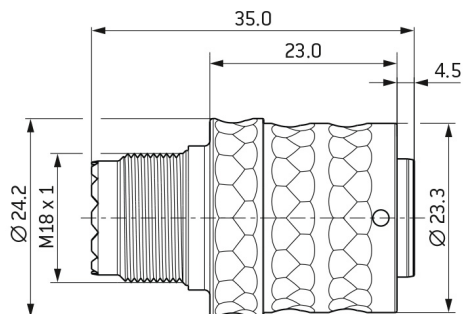
|                            |                |
|----------------------------|----------------|
| Locking principle          | break_away     |
| Keying                     | a              |
| Mating cycles              | 500            |
| IP class                   | IP6K8 / IP6K9K |
| Max. operating temperature | 175 °C         |
| Min. operating temperature | -65 °C         |
| Weight                     | 20.2 g         |

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

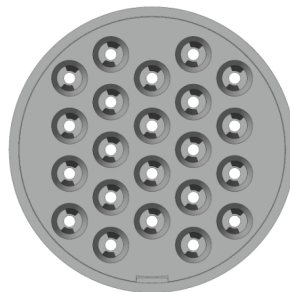
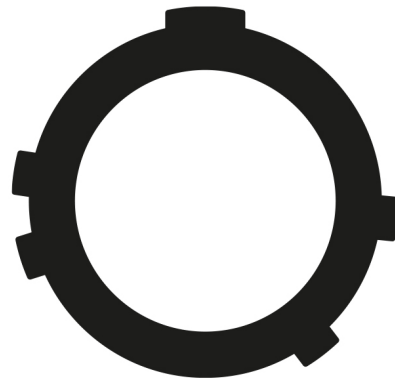
**Material and surface treatments**

|                  |                                 |
|------------------|---------------------------------|
| Material         | aluminum_with_tin_nickel_finish |
| Contact material | cu_alloy_with_gold_finish       |

## DIMENSIONS:



## CODING:A



## Further technical information and downloads

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

[Assembly Instruction](#)