


## straight\_break\_away\_plug\_for\_bend\_relief

size\_0\_ip6k8\_ip6k9k\_coding\_a\_light\_brown\_7\_contacts\_pins\_solder\_cup\_signal\_transmission

### Basic information

|   |                           |                     |
|---|---------------------------|---------------------|
|  | <b>Part number</b>        | A10WAM-P07XFG0-0000 |
|   | <b>Category</b>           | connector           |
|   | <b>Type of connector</b>  | plug                |
|   | <b>Assembly situation</b> | straight            |

### Contact insert description

|                               |            |
|-------------------------------|------------|
| <b>Transmission type</b>      | Signal     |
| <b>Number of contacts</b>     | 7          |
| <b>Contact type</b>           | pins       |
| <b>Contact diameter</b>       | 0.7 mm     |
| <b>Termination type</b>       | solder_cup |
| <b>Termination diameter</b>   | 0.85 mm    |
| <b>Wire cross section AWG</b> | AWG 22     |

### Technical information

|                                    |            |  |
|------------------------------------|------------|--|
| <b>Max. current single contact</b> | 5 A        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| <b>Max. current insert</b>         | 3.25 A     | VDE 0298-4:2013                            |
| <b>Test voltage</b>                | 0.75 kV DC | EIA-364-20F:2019-02                        |

### Cable description

|                            |             |
|----------------------------|-------------|
| <b>Cable outlet</b>        | overmolding |
| <b>Min. cable diameter</b> | 3.2         |
| <b>Max. cable diameter</b> | 7           |

## Mechanical and environmental data

|                                   |               |
|-----------------------------------|---------------|
| <b>Locking principle</b>          | break_away    |
| <b>Keying</b>                     | a             |
| <b>Mating cycles</b>              | 5.000         |
| <b>IP class</b>                   | IP68 / IP6K9K |
| <b>Max. operating temperature</b> | 125 °C        |
| <b>Min. operating temperature</b> | -51 °C        |
| <b>Weight</b>                     | 6.43 g        |

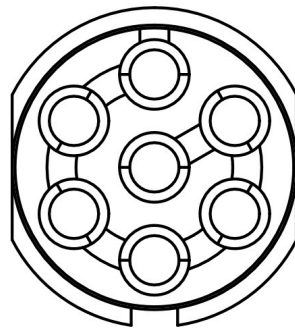
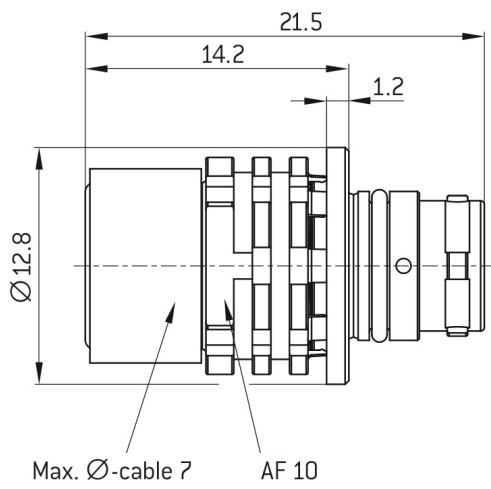
ip\_protection\_class\_refers\_to\_mated\_condition

## Material and surface treatments

|                         |                  |
|-------------------------|------------------|
| <b>Material</b>         | cu_alloy_(blank) |
| <b>Contact material</b> | gold             |

## Graphics and technical drawings

### DIMENSIONS:



## Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)