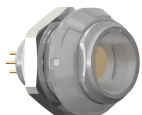


## receptacle\_with\_break\_away\_and\_push\_pull\_locking\_for\_front\_or\_rear\_panel\_mounting

size: 1, IP50, keying: 0, number\_of\_contacts: 2, solder\_cup, contact\_type: sockets, Signal



### Basic information

|                    |                                              |
|--------------------|----------------------------------------------|
| Part number        | G51M07-P02LPN0-0070                          |
| Category           | connector                                    |
| Type of connector  | receptacle                                   |
| Assembly situation | front_panel_mounting,<br>rear_panel_mounting |
| Size               | 1                                            |

### Contact insert description

|                        |                             |
|------------------------|-----------------------------|
| Special features       | iec_60601_1_1_mopp_&_2_moop |
| Transmission type      | Signal                      |
| Number of contacts     | 2                           |
| Contact type           | sockets                     |
| Contact diameter       | 1.3 mm                      |
| Termination type       | solder_cup                  |
| Termination diameter   | 1.4 mm                      |
| Wire cross section AWG | AWG 18                      |

### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 15 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 15                          | VDE 0298-4:2003                            |
| Test voltage                                 | 1.4 kV AC                   | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 1 mm (Contact to housing)   |                                            |
| Max. creepage distance (contact to housing)  | IEC 60601-1: 1MOPP. 2MOOP*  |                                            |
| Max. clearance distance (contact to contact) | 1.0 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | IEC 60601-1: 1MOPP. 2MOOP*  |                                            |

**Mechanical and environmental data**

|                            |                        |
|----------------------------|------------------------|
| Locking principle          | break_away , push_pull |
| Mating cycles              | 5.000                  |
| IP class                   | IP50                   |
| Max. operating temperature | 120 °C                 |
| Min. operating temperature | -50 °C                 |
| Weight                     | 5.04 g                 |

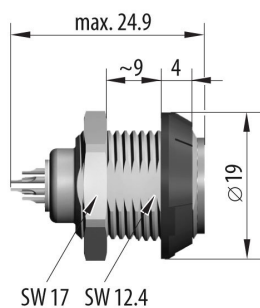
**Material and surface treatments**

|                                  |                           |
|----------------------------------|---------------------------|
| Material                         | psu_gray                  |
| Contact material                 | cu_alloy_with_gold_finish |
| Color option (Front or back nut) | gray                      |

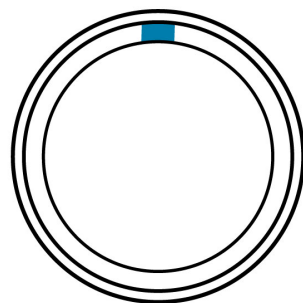
**Insulator materials MEDI-SNAP®**

psu\_peek\_o\_a

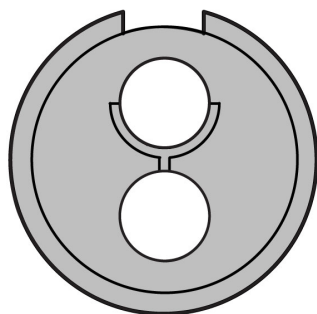
DIMENSIONS



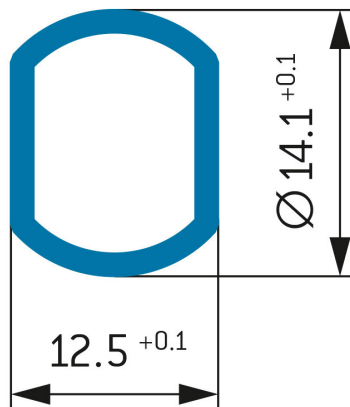
CODING: 0 °



POSITIONS: 2 Positions



PANEL CUT OUT:



Further technical information and downloads

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