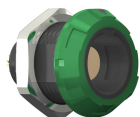


## receptacle\_with\_break\_away\_and\_push\_pull\_locking\_for\_front\_panel\_mounting

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



### Basic information

|                    |                      |
|--------------------|----------------------|
| Part number        | G11M08-P02QP00-0050  |
| Category           | connector            |
| Type of connector  | receptacle           |
| Assembly situation | front_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     | pcb                         |
| Termination diameter | 0.7 mm                      |

### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Max. current single contact                  | 12 A                        | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 12                          | VDE 0298-4:2003                            |
| Test voltage                                 | 1.4 kV AC                   | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 1.3 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | IEC 60601-1: 1MOPP. 2MOPP*  |                                            |
| Max. clearance distance (contact to contact) | 1.3 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | IEC 60601-1: 1MOPP. 2MOPP*  |                                            |

**Mechanical and environmental data**

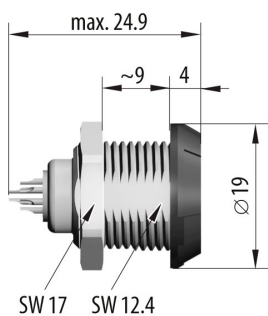
|                            |                        |
|----------------------------|------------------------|
| Locking principle          | break_away , push_pull |
| Mating cycles              | 2.000                  |
| IP class                   | IP50                   |
| Max. operating temperature | 120 °C                 |
| Min. operating temperature | -50 °C                 |
| Weight                     | 5.14 g                 |

**Material and surface treatments**

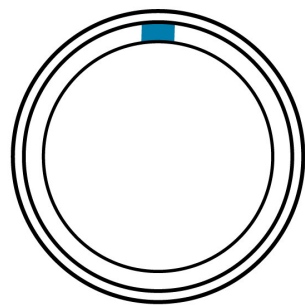
|                                  |           |
|----------------------------------|-----------|
| Material                         | psu_black |
| Contact material                 | gold      |
| Color option (Front or back nut) | green     |

**Insulator materials MEDI-SNAP®**  
psu\_peek\_o\_a

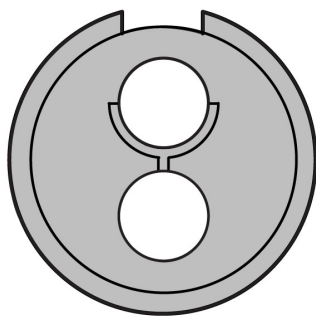
DIMENSIONS



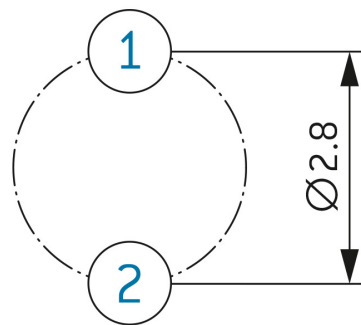
CODING: 0 °



POSITIONS: 2 Positions

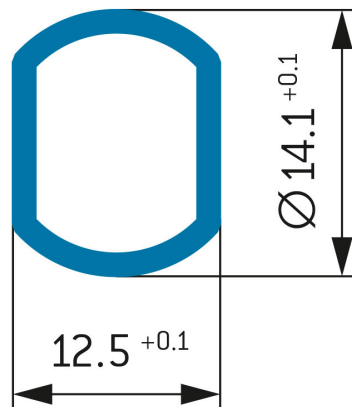


PCB-LAYOUT:



Borehole 0.8 mm

PANEL CUT OUT:



## Further technical information and downloads

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