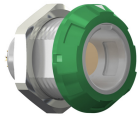


## receptacle\_with\_break\_away\_and\_push\_pull\_locking\_for\_front\_panel\_mounting

size: 1, IP50, keying: 0, number\_of\_contacts: 6, pcb, contact\_type: sockets, Signal



### Basic information

|                    |                      |
|--------------------|----------------------|
| Part number        | G11M07-P06QF00-0050  |
| Category           | connector            |
| Type of connector  | receptacle           |
| Assembly situation | front_panel_mounting |
| Size               | 6b86b2               |

### Contact insert description

|                      |                             |
|----------------------|-----------------------------|
| Special features     | iec_60601_1_1_mopp_&_2_moop |
| Transmission type    | Signal                      |
| Number of contacts   | 6                           |
| Contact type         | sockets                     |
| Contact diameter     | ec72e6                      |
| Termination type     | pcb                         |
| Termination diameter | 88d6d3                      |

### Technical information

|                                              |                              |                                            |
|----------------------------------------------|------------------------------|--------------------------------------------|
| Max. current single contact                  | 9eeaa1                       | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 4.5                          | VDE 0298-4:2003                            |
| Test voltage                                 | 1.1 kV AC                    | EIA-364-20F:2019-02                        |
| Max. creepage distance (contact to contact)  | 0.85 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | IEC 60601-1: 1MOPP. 2MOPP*   |                                            |
| Max. clearance distance (contact to contact) | 0.85 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              | 0f8eb4                 |
| IP class                   | IP50                   |
| Max. operating temperature | 120 °C                 |
| Min. operating temperature | 50 °C                  |

**Material and surface treatments**

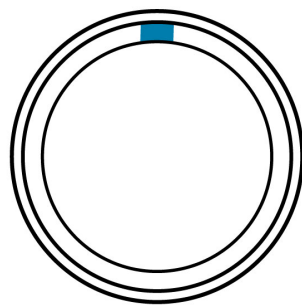
|                                  |                           |
|----------------------------------|---------------------------|
| Material                         | psu_gray                  |
| Insulator material               | peek                      |
| Contact material                 | cu_alloy_with_gold_finish |
| Color option (Front or back nut) | green                     |

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

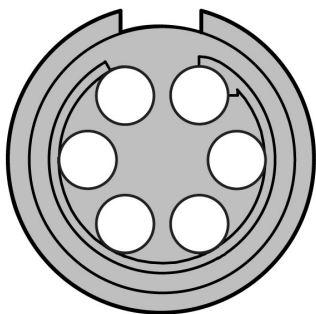
DIMENSIONS



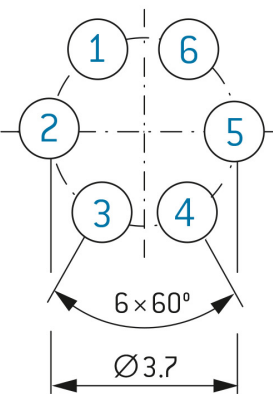
CODING: 0 °



POSITIONS: 6 Positions

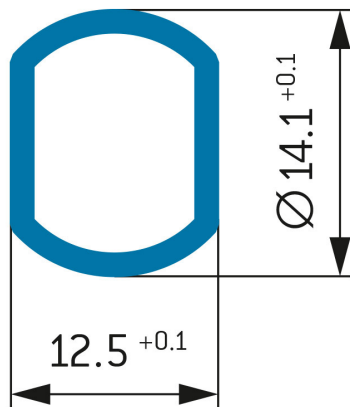


PCB-LAYOUT:



Borehole 0.6 mm

PANEL CUT OUT:



## Further technical information and downloads

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