

receptacle\_with\_break\_away\_locking\_for\_rear\_panel\_mounting

size: 1, IP6K8 / IP6K9K, keying: d, number\_of\_contacts: 16, solder\_cup, contact\_type: pogo\_pins, Signal



Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | GK1YDR-P16XDD0-R00L |
| Category           | connector           |
| Type of connector  | receptacle          |
| Assembly situation | rear_panel_mounting |
| Size               | 6b86b2              |

Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 16         |
| Contact type           | pogo_pins  |
| Contact diameter       | e40347     |
| Termination type       | solder_cup |
| Termination diameter   | 1d7c76     |
| Wire cross section AWG | 562f2b     |

Technical information

|                             |           |                                            |
|-----------------------------|-----------|--------------------------------------------|
| Max. current single contact | 28a407    | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert         | 1         | VDE 0298-4:2003                            |
| Test voltage                | 0.6 kV AC | EIA-364-20F:2019-02                        |

Mechanical and environmental data

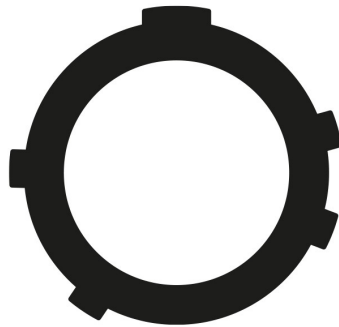
|                            |                |
|----------------------------|----------------|
| Locking principle          | break_away     |
| Keying                     | d              |
| Mating cycles              | 0f8eb4         |
| IP class                   | IP6K8 / IP6K9K |
| Max. operating temperature | 125 °C         |
| Min. operating temperature | -51 °C         |
| Tightening torque          | 3 Nm           |

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

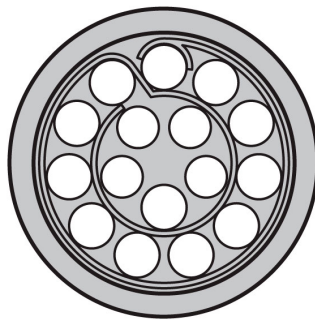
**Material and surface treatments**

|                  |                                |
|------------------|--------------------------------|
| Material         | cu_alloy_with_ruthenium_finish |
| Contact material | gold                           |

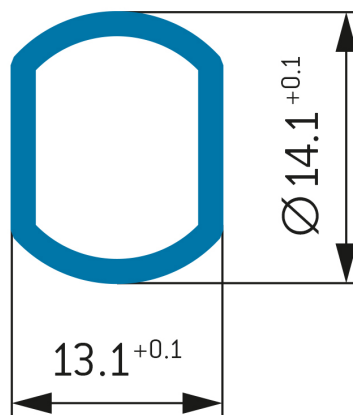
CODING:C



POSITIONS: 16 Positions



PANEL CUT OUT:



## Further technical information and downloads

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

[Assembly Instruction](#)