

# Product Data Sheet

flexilink jumper, 2 contacts,  
Part No. 991-500200-11

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Illustration similar



Horizontal



Press-fit



Power

- 2 contacts
- operational current 11 A
- small footprint design
- easy processing without soldering
- variable 2 or 4 mm pitch



» to product on [www.ept.de](http://www.ept.de)



» to product group flexilink board-to-board connector

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## Technical Specifications

### Basics

|                             |                 |
|-----------------------------|-----------------|
| No. of Contacts             | 2               |
| Termination Technology      | Press-fit       |
| Board-to-Board Distance     | 1 mm            |
| Operating Temperature Range | -55°C to +125°C |

### Material

|                    |                  |
|--------------------|------------------|
| Insulator Material | PBT glass filled |
| Contact Material   | Copper alloy     |
| Plating            | Sn               |

### Mechanical

|       |      |
|-------|------|
| Pitch | 2 mm |
|-------|------|

### Electrical

|                        |                                           |
|------------------------|-------------------------------------------|
| Operational Current    | 11 A at +20°C per pin (5 contact bridges) |
| Contact Resistance     | $\leq 5\text{m}\Omega$                    |
| Clearance and Creepage | 1.4 mm                                    |
| Insulation Resistance  | $\geq 10\text{ G}\Omega$                  |
| Test Voltage           | 1500 VDC                                  |

### Approval / Compliance

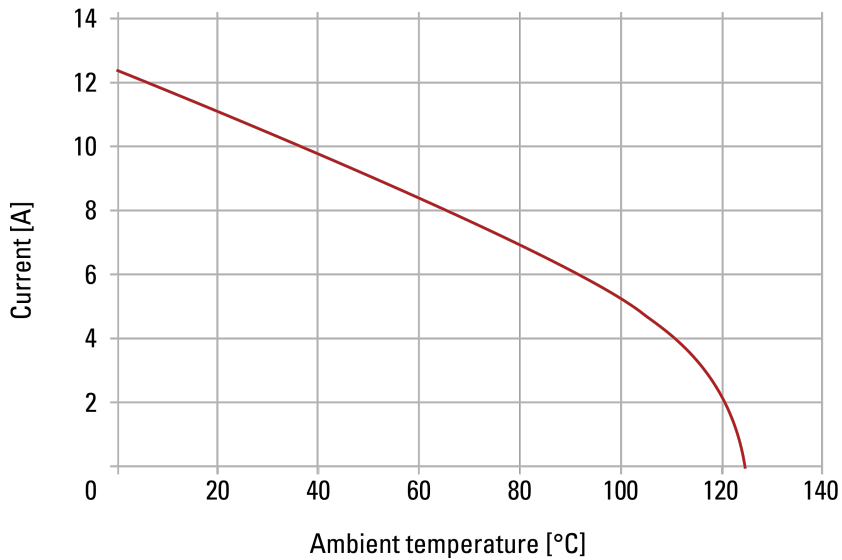
|             |                |
|-------------|----------------|
| UL file     | E130314        |
| Environment | RoHS compliant |

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## Derating Diagram



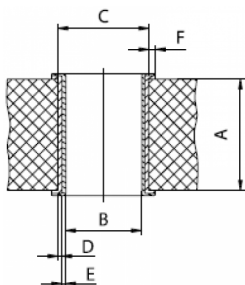
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## Hole Specifications

Plated through-hole according to IEC 60352-5



| Material        | imm. Sn printed circuit boards |
|-----------------|--------------------------------|
| Nominal Hole    | Ø 1.0 mm                       |
| A PCB Thickness | min 1.0 mm                     |
| B Plated Hole   | Ø 1.0 +0.09 / -0.06 mm         |
| C Drill Hole    | 1.15 ±0.025 mm                 |
| D Cu Plating    | min. 25 µm                     |
| E Surface       | imm. Sn plating, max. 1.5 µm   |
| F Annular Ring  | min. 0.1 mm                    |

| Material        | Ni, Au printed circuit boards                       |
|-----------------|-----------------------------------------------------|
| Nominal Hole    | Ø 1.0 mm                                            |
| A PCB Thickness | min 1.0 mm                                          |
| B Plated Hole   | Ø 1.0 +0.09 / -0.06 mm                              |
| C Drill Hole    | 1.15 ±0.025 mm                                      |
| D Cu Plating    | min. 25 µm                                          |
| E Surface       | Ni, Au plating, 0.05 - 0.2 µm Au over 2.5 - 5 µm Ni |
| F Annular Ring  | min. 0.1 mm                                         |

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## Modifications

Available on request

- other pin configurations

## Drawings

Component data in 2D and 3D format you can download here:

[» PDF](#)

[» 3D IGES](#)

[» 3D STEP](#)

[» 3D PDF](#)