

# Product Data Sheet

flexilink jumper, 12 contacts,  
Part No. 991-501200-11



Illustration similar



Horizontal



Press-fit



Power

- 12 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

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No. of Contacts	12
Termination Technology	Press-fit
Board-to-Board Distance	1 mm
Operating Temperature Range	-40°C to +125°C

### Material

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Insulator Material	PBT glass filled
Contact Material	Copper alloy
Plating	Sn

### Mechanical

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Pitch	2 mm
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### Electrical

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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

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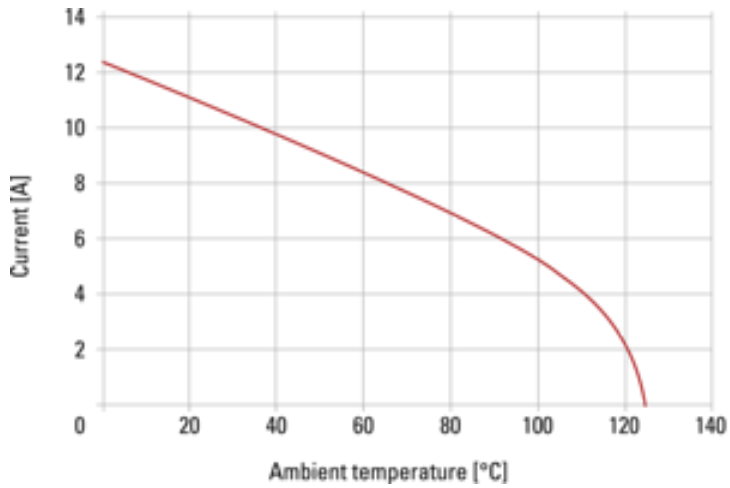
UL file	E130314
Environment	RoHS compliant

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## Derating Diagram



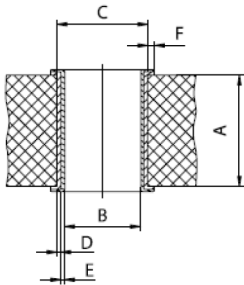
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## Hole Specifications

Plated through-hole according to IEC 60352-5



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

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