

# Product Data Sheet

Power Terminals pitch 5.08 x 7.62 mm,  
Part No. 910-22020

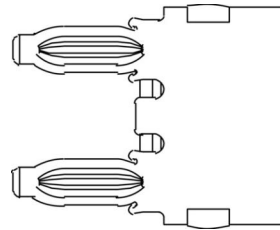
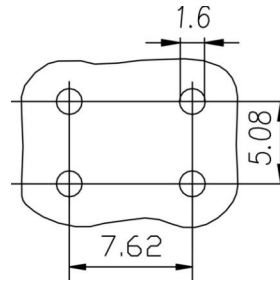


Illustration similar



Press-fit



Power



Rugged

- thread M5
- termination length 4.5 mm



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



» to product group Power Terminals

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## Technical Specifications

### Basics

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Termination Technology	Press-fit
Termination Length	4.5 mm
Operating Temperature Range	-55°C to +125°C

### Material

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Contact Material	Copper alloy
Plating	Sn

### Mechanical

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Pitch	5.08 x 7.62 mm
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### Electrical

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Operational Current	20° 45A, 70° 30A, 100° 25A
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### Processing

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Thread	M5
Max. Fastening Torque	1.3 Nm

### Approval / Compliance

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Environment	RoHS compliant
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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 1.6 mm</b>
<b>A PCB Thickness</b>	min 2.9 mm
<b>B Plated Hole</b>	Ø 1.6 +0.09 / -0.06 mm
<b>C Drill Hole</b>	1.75 ±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 1.6 mm</b>
<b>A PCB Thickness</b>	min 2.9 mm
<b>B Plated Hole</b>	Ø 1.6 +0.09 / -0.06 mm
<b>C Drill Hole</b>	1.75 ±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

Material	HAL Sn printed circuit boards
<b>Nominal Hole</b>	<b>Ø 1.6 mm</b>
<b>A PCB Thickness</b>	min 2.9 mm
<b>B Plated Hole</b>	Ø 1.6 +0.09 / -0.06 mm
<b>C Drill Hole</b>	1.75 ±0.025 mm
<b>D Cu Plating</b>	min. 25 µm
<b>E Surface</b>	HAL Sn, 5 - 15 µm
<b>F Annular Ring</b>	min. 0.1 mm

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## Accessories

- » Power Terminals Socket cap screw DIN 84, M5  
Part Number 910-20150
- » Power Terminals Lock nut  
Part Number 910-20020
- » Power Terminals Washer  
Part Number 910-20330

## Drawings

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

- » [PDF](#)
- » [3D IGES](#)
- » [3D STEP](#)
- » [3D PDF](#)