

Product Data Sheet

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

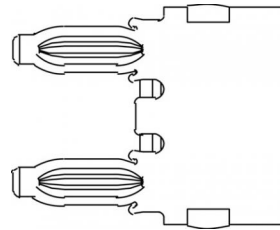
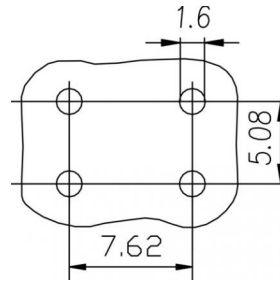


Illustration similar



Press-fit



Power



Rugged

- thread M5
- termination length 4.5 mm



» to product on www.ept.de



» to product group Power Terminals

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Technical Specifications

Basics

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

Material

Contact Material	Copper alloy
Plating	Sn

Mechanical

Pitch	5.08 x 7.62 mm
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Electrical

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

Thread	M5
Max. Fastening Torque	1.3 Nm

Approval / Compliance

Environment	RoHS compliant
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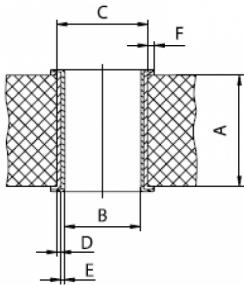
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Hole Specifications

Plated through-hole according to IEC 60352-5



Material	imm. Sn printed circuit boards
Nominal Hole	Ø 1.6 mm
A PCB Thickness	min 2.9 mm
B Plated Hole	Ø 1.6 +0.09 / -0.06 mm
C Drill Hole	1.75 ±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 1.6 mm
A PCB Thickness	min 2.9 mm
B Plated Hole	Ø 1.6 +0.09 / -0.06 mm
C Drill Hole	1.75 ±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

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