Product Data Sheet

Power Terminals pitch 5.08 x 7.62 mm, Part No. 910-22015

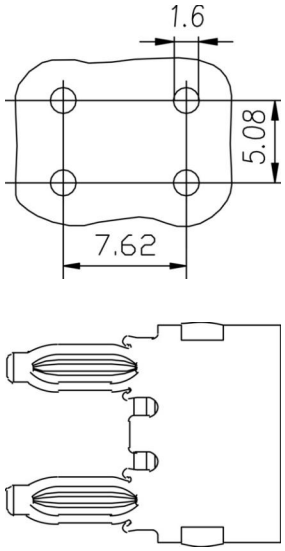

Illustration similar

Press-fit

Power

Rugged

- M4 thread
- tail 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 technology
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
Electrical	
Operational Current	20° 45', 70° 30', 100° 25'
Processing	
Thread	M4
Max. Fastening Torque	1.3 Nm
Approval / Compliance	
Environment	RoHS compliant

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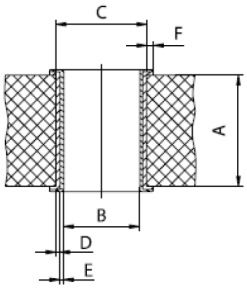
Hole Specifications

Plated through-hole according to IEC 60352-5



Material	chem. Sn Leiterplatten
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	chem. Sn Schicht, max. 1.5 µm
F Annular Ring	min. 0.1 mm

Material	Ni, Au Leiterplatten
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 Schicht, 0.05 - 0.2 µm Au über 2.5 - 5 µm Ni
F Annular Ring	min. 0.1 mm

Material	HAL Sn Leiterplatten
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 Cylinder Head Screw DIN 84, M4
Part Number 910-20145

» Power Terminals snap-in nut
Part Number 910-20015

» Power Terminals Washer
Part Number 910-20320

Drawings

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

» PDF » 3D IGES » 3D STEP » 3D PDF

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