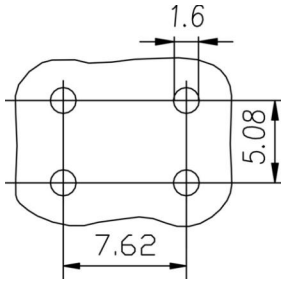
# Product Data Sheet

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



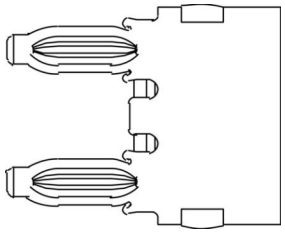



Illustration similar

Press-fit

Power

Rugged

- M5 thread
- tail length 4.5 mm

» to product on www.ept.de

» to product group Power Terminals



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

## 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 | M5 |
| Max. Fastening Torque | 1.3 Nm |
| **Approval / Compliance** | |
| Environment | RoHS compliant |



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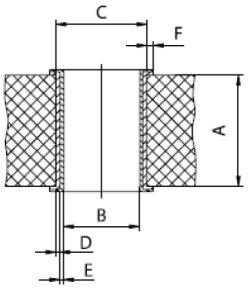
### Hole Specifications

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, M5
Part Number 910-20150

» Power Terminals snap-in 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



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