

### General

|                       |                             |
|-----------------------|-----------------------------|
| Productgroup          | PowerSocket Fuse            |
| Mounting type         | Massive Pressfit Tech       |
| Material              | Bronze                      |
| Surface               | nickel                      |
| Customs tariff number | 85366930                    |
| Country of origin     | Federal Republic of Germany |
| Weight per piecs ~    | 0.000820 kg                 |

### Technical data

|                              |                    |
|------------------------------|--------------------|
| Terminal                     | blind hole         |
| Socket length x Socket width | 10.00 mm x 5.30 mm |
| Socket height                | 14.00 mm           |
| Height total                 | 18.00 mm           |
| Height over pcb              | 14.00 mm           |
| No. of Pins                  | 2                  |
| Pin length                   | 4.00 mm            |
| Grid dimension X / Y         | 7.40 mm / 0.00 mm  |
| Pin alignment                | Two row            |

### Processing

|                 |                               |
|-----------------|-------------------------------|
| Press in force  | 80 N up to 500 N              |
| Retention force | 60-80 % of press-in force     |
| Press-in speed  | 100 mm/min. up to 250 mm/min. |
| PCB thickness   | 1.60 mm up to 3.20 mm         |
| Notice          |                               |

### Current carrying capacity

|                          |                                        |
|--------------------------|----------------------------------------|
| Part (20°C) ~ / (85°C) ~ | Depending on component to be contacted |
|--------------------------|----------------------------------------|

### Usage and storage

|                    |                                                   |
|--------------------|---------------------------------------------------|
| Temperature        | -40°C up to +150°C                                |
| Storage            | dry environment protected from weather conditions |
| Storage conditions | at +5°C up to +40°C, 75% RH, non-condensing       |

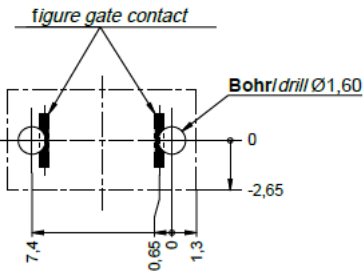
### Accessories

|               |
|---------------|
| Press in tool |
|---------------|

### Co-applicable documents

|                         |                                 |
|-------------------------|---------------------------------|
| Powerelement Guidelines | Link to Powerelement Guidelines |
|-------------------------|---------------------------------|

### Standard drill pattern



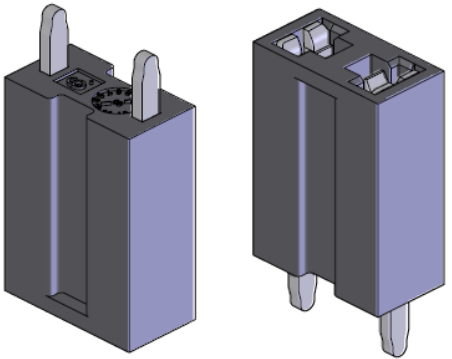
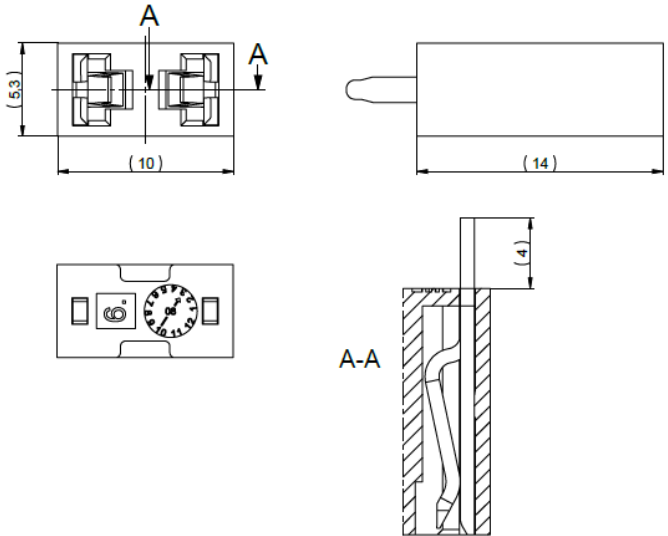
### Drill hole specification for PCB

|         |  |                |                                                   |
|---------|--|----------------|---------------------------------------------------|
| Drill Ø |  | drill tool     | 1,60 mm                                           |
|         |  | drill hole     | 1,60 mm - 0,025 mm                                |
| Cu      |  | Cu - in Hole   | Average 30 µm - 60 µm<br>min. 25 µm, max. 80 µm * |
| End Ø   |  | HAL            | (1,450 mm +/- 0,05 mm)                            |
|         |  | chem. surfaces | (1,475 mm +/- 0,05 mm)                            |

**Note:** For Press-fit Technology drill diameter and copper thickness are fix. End Ø for reference only.

\* single measurement points in microsection

### Dimensions



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General tolerances  
DIN ISO 2768-mH

Projection mode



|          |          |                 |
|----------|----------|-----------------|
| Revision | Date     | All measures in |
| F        | 28.08.25 | mm              |

Part no.

**S93784**

Description

**PowerSocket Fuse Gate**



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