

## PCB terminal block - PTSA 0,5/ 2-2,5-F MC RD/BK - 1710041

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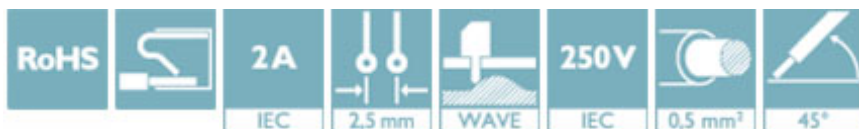


PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, color: multi-color. Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

### Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Angled connection enables multi-row arrangement on the PCB



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 250 pc                                                                                                  |
| GTIN         | <br>4 055626 129815 |
| GTIN         | 4055626129815                                                                                           |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Length [ l ]   | 12 mm   |
| Pitch          | 2.5 mm  |
| Dimension a    | 2.5 mm  |
| Width [ w ]    | 6.5 mm  |
| Height         | 13.1 mm |
| Height [ h ]   | 16.7 mm |
| Solder pin [P] | 3.6 mm  |
| Pin spacing    | 2.5 mm  |
| Hole diameter  | 1 mm    |

#### General

|                   |          |
|-------------------|----------|
| Range of articles | PTSA 0,5 |
|-------------------|----------|

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## Technical data

### General

|                                        |                     |
|----------------------------------------|---------------------|
| Insulating material group              | I                   |
| Rated voltage (III/2)                  | 250 V               |
| Nominal current I <sub>N</sub>         | 2 A                 |
| Nominal cross section                  | 0.5 mm <sup>2</sup> |
| Flammability rating according to UL 94 | V0                  |
| Number of positions                    | 2                   |

### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Approvals

### Approvals

#### Approvals

CCA / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                                |               |
|--------------------------------|---------------|
| CCA                            | CCA/DE1 34204 |
| Nominal current I <sub>N</sub> | 2 A           |
| mm <sup>2</sup> /AWG/kcmil     | 0.5           |

|                                            |                                                                                     |                                                                                                                                                                                                                |          |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40013932 |
| Nominal voltage U <sub>N</sub>             | 130 V                                                                               |                                                                                                                                                                                                                |          |
| Nominal current I <sub>N</sub>             | 2 A                                                                                 |                                                                                                                                                                                                                |          |
| mm <sup>2</sup> /AWG/kcmil                 | 0.5                                                                                 |                                                                                                                                                                                                                |          |

## PCB terminal block - PTSA 0,5/ 2-2,5-F MC RD/BK - 1710041

### Approvals

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-----------------------------------------------------------------------------------|---------|

|                    |                                                                                   |                                                                                                                                                       |                 |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20030527 |
|                    | D                                                                                 | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                             | 150 V                                                                                                                                                 |                 |
| Nominal current IN | 2 A                                                                               | 2 A                                                                                                                                                   |                 |
| mm²/AWG/kcmil      | 26-20                                                                             | 26-20                                                                                                                                                 |                 |

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