

## Feed-through header - IMCV 1,5/ 5-G-3,5 RN P20 THR - 1830896

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PCB headers, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



The figure shows a 10-position version of the product

### Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Intuitive locking mechanism prevents accidental disconnection
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| GTIN                                 |               |
| GTIN                                 | 4046356888509 |
| Weight per Piece (excluding packing) | 2.000 g       |
| Custom tariff number                 | 85366930      |
| Country of origin                    | Germany       |

### Technical data

#### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 6.3 mm  |
| Width        | 18.3 mm |
| Pitch        | 3.5 mm  |
| Dimension a  | 14 mm   |
| Width [ w ]  | 18.3 mm |

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## Technical data

### Dimensions

|                          |                |
|--------------------------|----------------|
| Height [ h ]             | 16.35 mm       |
| Height                   | 14.45 mm       |
| Length of the solder pin | 1.9 mm         |
| Pin dimensions           | 0.62 x 1.12 mm |
| Pin spacing              | 3.81 mm        |
| Length                   | 6.3 mm         |

### General

|  |                      |
|--|----------------------|
| Range of articles                      | IMCV 1,5/..-G-RN-THR |
| Insulating material group              | IIIa                 |
| Rated surge voltage (III/3)            | 2.5 kV               |
| Rated surge voltage (III/2)            | 2.5 kV               |
| Rated surge voltage (II/2)             | 2.5 kV               |
| Rated voltage (III/3)                  | 160 V                |
| Rated voltage (III/2)                  | 160 V                |
| Rated voltage (II/2)                   | 320 V                |
| Connection in acc. with standard       | EN-VDE               |
| Nominal current I <sub>N</sub>         | 8 A                  |
| Maximum load current                   | 8 A                  |
| Insulating material                    | LCP                  |
| Flammability rating according to UL 94 | V0                   |
| Color                                  | black                |
| Number of positions                    | 5                    |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| 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          |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals


### Approvals

#### Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


#### Ex Approvals

### Approval details


|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60987-B1B2 |
| Nominal voltage UN | 160 V   |   |                |
| Nominal current IN | 8 A   |   |                |

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## Approvals

|  |   |  |          |
|--|---|--|----------|
| 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> | 40011723 |
| Nominal voltage UN                         |   | 160 V  |          |
| Nominal current IN                         |   | 8 A  |          |

|     |   |         |
|-----|---|---------|
| 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> | E60425-20110128 |
|                    | B   | D   |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |
| Nominal current IN | 8 A   | 8 A   |                 |