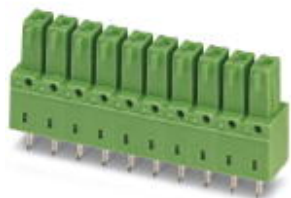


## Printed-circuit board connector - IMCV 1,5/ 6-G-3,81 BK - 1958520

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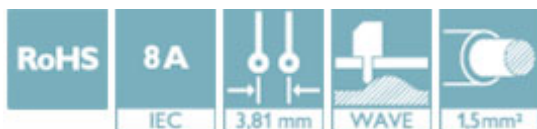


PCB headers, nominal current: 8 A, number of positions: 6, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-pos. version of the product in green

### Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ 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 | 50 pc                                                                                                   |
| GTIN         | <br>4 017918 898144 |
| GTIN         | 4017918898144                                                                                           |

### Technical data

#### Dimensions

|                          |                |
|--------------------------|----------------|
| Length [ l ]             | 6.85 mm        |
| Width                    | 23.65 mm       |
| Pitch                    | 3.81 mm        |
| Dimension a              | 19.05 mm       |
| Width [ w ]              | 23.65 mm       |
| Height [ h ]             | 17.9 mm        |
| Height                   | 14.5 mm        |
| Length of the solder pin | 3.4 mm         |
| Pin dimensions           | 0.62 x 1.12 mm |
| Length                   | 6.85 mm        |

#### General

# Printed-circuit board connector - IMCV 1,5/ 6-G-3,81 BK - 1958520

## Technical data

### General

|                                  |               |
|----------------------------------|---------------|
| Range of articles                | IMCV 1,5/..-G |
| Rated voltage (III/3)            | 160 V         |
| Connection in acc. with standard | EN-VDE        |
| Nominal current I <sub>N</sub>   | 8 A           |
| Color                            | black         |
| Number of positions              | 6             |

### Standards and Regulations

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

### Environmental Product Compliance

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

## 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                                                                                 |                                                           |                |

|                                            |                                                                                     |                                                                                                                                                                                                                |          |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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                                                                                 |                                                                                                                                                                                                                |          |

## Printed-circuit board connector - IMCV 1,5/ 6-G-3,81 BK - 1958520

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

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