

# Printed-circuit board connector - PT 1,5/ 3-PVH-5,0 BD:N,PE,3 SO - 1700496

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PCB connector, nominal current: 12 A, number of positions: 3, pitch: 5 mm, connection method: Screw connection with wire protector, color: green, contact surface: Tin



The figure shows a 10-position version of the product

## Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ High terminal block capacity thanks to rectangular terminal block space
- ✓ Allows connection of two conductors
- ✓ Horizontal and vertical connection option for optimum conductor routing
- ✓ The latching on the side enables various numbers of positions to be combined



## Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 250 pc                                                                                                  |
| GTIN         | <br>4 046356 489140 |
| GTIN         | 4046356489140                                                                                           |

## Technical data

### Dimensions

|             |       |
|-------------|-------|
| Pitch       | 5 mm  |
| Dimension a | 10 mm |

### General

|                       |                                      |
|-----------------------|--------------------------------------|
| Range of articles     | PT 1,5/...-PVH                       |
| Number of positions   | 3                                    |
| Connection method     | Screw connection with wire protector |
| Rated voltage (III/3) | 250 V                                |

# Printed-circuit board connector - PT 1,5/ 3-PVH-5,0 BD:N,PE,3 SO - 1700496

## Technical data

### General

|                                  |                     |
|----------------------------------|---------------------|
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 12 A                |
| Nominal cross section            | 1.5 mm <sup>2</sup> |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 14                   |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                                         | 26                   |
| Maximum AWG according to UL/CUL                                                         | 12                   |

### Standards and Regulations

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

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

## Printed-circuit board connector - PT 1,5/ 3-PVH-5,0 BD:N,PE,3 SO - 1700496

### Approvals

#### Approvals

SEV / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                                     |            |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| SEV                |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3558-M2 |
|                    |                                                                                   |                                                                                                                                                     |            |
| Nominal voltage UN |                                                                                   | 250 V                                                                                                                                               |            |
| Nominal current IN |                                                                                   | 10 A                                                                                                                                                |            |
| mm²/AWG/kcmil      |                                                                                   | 2.5                                                                                                                                                 |            |

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| 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> | E60425-20030211 |
|                    |                                                                                     | D                                                                                                                                                     | B               |
| Nominal voltage UN |                                                                                     | 300 V                                                                                                                                                 | 300 V           |
| Nominal current IN |                                                                                     | 10 A                                                                                                                                                  | 15 A            |
| mm²/AWG/kcmil      |                                                                                     | 26-12                                                                                                                                                 | 26-12           |

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