

## Printed-circuit board connector - GMVSTBR 2,5/ 4-STF-7,62 BD:1-4 - 1702432

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PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 4, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, 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
- Larger pitch for increased voltage requirements
- Allows connection of two conductors
- Screwable flange for superior mechanical stability



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 046356 590778 |
| GTIN         | 4046356590778   |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 12.5 mm  |
| Width [ w ]  | 40.92 mm |
| Height [ h ] | 26 mm    |
| Pitch        | 7.62 mm  |
| Dimension a  | 22.86 mm |

#### General

|                     |                    |
|---------------------|--------------------|
| Range of articles   | GMVSTBR 2,5/..-STF |
| Number of positions | 4                  |

# Printed-circuit board connector - GMVSTBR 2,5/ 4-STF-7,62

## BD:1-4 - 1702432

### Technical data

#### General

|  |                                      |
|--|--------------------------------------|
| Connection method                      | Screw connection with tension sleeve |
| Insulating material group              | I                                    |
| Rated voltage (III/3)                  | 500 V                                |
| Rated voltage (III/2)                  | 630 V                                |
| Connection in acc. with standard       | EN-VDE                               |
| Nominal current $I_N$                  | 12 A                                 |
| Nominal cross section                  | 2.5 mm <sup>2</sup>                  |
| Flammability rating according to UL 94 | V0                                   |
| Screw thread                           | M3                                   |

#### 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.              | 2.5 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.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 12                   |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1 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.                                     | 1.5 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.   | 1 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. | 1 mm <sup>2</sup>    |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

#### Environmental Product Compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1                           |
| China RoHS | Environmentally Friendly Use Period = 50 |

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### Technical data

#### Environmental Product Compliance

For details about hazardous substances go to tab "Downloads",  
Category "Manufacturer's declaration"

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approval details

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EAC



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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>