

Printed-circuit board connector - GMVSTBR 2,5/ 5-ST BK - 1859506

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PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 5, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, color: black, 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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 226213 |
| GTIN | 4017918226213 |

Technical data

Dimensions

| | |
|--------------|---------|
| Length [l] | 12.6 mm |
| Width [w] | 35.5 mm |
| Height [h] | 26 mm |
| Pitch | 7.5 mm |
| Dimension a | 30 mm |

General

| | |
|----------------------------------|--------------------------------------|
| Range of articles | GMVSTBR 2,5/..-ST |
| Number of positions | 5 |
| Connection method | Screw connection with tension sleeve |
| Rated voltage (III/3) | 500 V |
| Connection in acc. with standard | EN-VDE |

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Technical data

General

| | |
|-----------------------|---------------------|
| Nominal current I_N | 12 A |
| Nominal cross section | 2.5 mm ² |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

Standards and Regulations

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

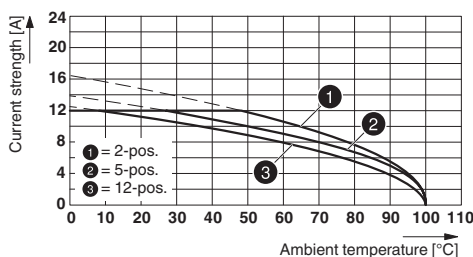
Environmental Product Compliance

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

Drawings

Printed-circuit board connector - GMVSTBR 2,5/ 5-ST BK - 1859506

Diagram



Type: GMVSTBR 2,5/...-ST with GMSTBVA 2,5/...-G

Approvals

Approvals

Approvals

CSA / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|--|---|-----------------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | LR13631-2585950 |
| | | D | B |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 10 A | 10 A |
| mm ² /AWG/kcmil | | 28-12 | 28-12 |

| | | | |
|----------------------------|--|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-60988-B1B2 |
| Nominal voltage UN | | 400 V | |
| Nominal current IN | | 12 A | |
| mm ² /AWG/kcmil | | 0.2-2.5 | |

| | | | |
|---|--|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40004701 |
| Nominal voltage UN | | 400 V | |

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Approvals

| | |
|----------------------------|---------|
| | |
| Nominal current IN | 12 A |
| mm ² /AWG/kcmil | 0.2-2.5 |

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

| | | | |
|----------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931013 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 10 A | 15 A | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |

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