

Printed-circuit board connector - MSTB 2,5/ 2-ST-5,08 BD:64-65 - 1705177

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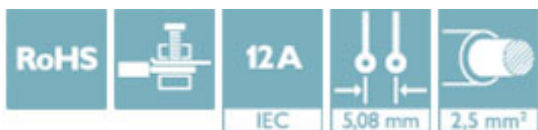
PCB connector, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin




The figure shows a 10-position version of the product

Why buy this product

- ✔ Well-known connection principle allows worldwide use
- ✔ Low temperature rise, thanks to maximum contact force
- ✔ Allows connection of two conductors



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 046356 031967 |
| GTIN | 4046356031967 |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 5.08 mm |
| Dimension a | 5.08 mm |

General

| | |
|----------------------------------|--------------------------------------|
| Range of articles | MSTB 2,5/...-ST |
| Type of contact | Female connector |
| Number of positions | 2 |
| Connection method | Screw connection with tension sleeve |
| Rated voltage (III/3) | 250 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. | 1.5 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

| | |
|------------|---|
| 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 - MSTB 2,5/ 2-ST-5,08 BD:64-65 - 1705177

Approvals

Approvals

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

Ex Approvals

Approval details

| | | | |
|--------------------------------|-------|---|-----------------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | LR13631-2585950 |
| | B | D | |
| mm ² /AWG/kcmil | 28-12 | 28-12 | |
| Nominal current I _N | 15 A | 15 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|---|---------|---|----------|
| VDE Gutachten mit Fertigungsüberwachung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40004701 |
| | | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |
| Nominal current I _N | 12 A | | |
| Nominal voltage U _N | 250 V | | |

| | | | |
|--------------------------------|---------|---|----------------|
| IECEE CB Scheme | | http://www.iecee.org/ | DE1-58978-B1B2 |
| | | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |
| Nominal current I _N | 12 A | | |
| Nominal voltage U _N | 250 V | | |

| | | | |
|--------------------------------|-------|---|-----------------|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | B | D | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |
| Nominal current I _N | 15 A | 15 A | |
| Nominal voltage U _N | 300 V | 150 V | |

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Approvals

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

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