

## MSTBT 2,5/ 4-STZ12-5,08BD:1-4Q - 1706864

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PCB connector, nominal current: 12 A, number of positions: 4, 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

### Your advantages

- ✓ 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 pc                                                                                                   |
| GTIN         | <br>4 046356 888042 |
| GTIN         | 4046356888042                                                                                           |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 61.4 mm  |
| Width [ w ]  | 20.32 mm |
| Height [ h ] | 16 mm    |
| Pitch        | 5.08 mm  |
| Dimension a  | 15.24 mm |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | MSTBT 2,5/...-ST                     |
| Number of positions              | 4                                    |
| Connection method                | Screw connection with tension sleeve |
| Rated voltage (III/3)            | 250 V                                |
| Connection in acc. with standard | EN-VDE                               |

# MSTBT 2,5/ 4-STZ12-5,08BD:1-4Q - 1706864

## Technical data

### General

|                       |                     |
|-----------------------|---------------------|
| Nominal current $I_N$ | 12 A                |
| Nominal cross section | 2.5 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.              | 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. | 1.5 mm <sup>2</sup>  |

### Standards and Regulations

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

### 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

Approvals

EAC

## MSTBT 2,5/ 4-STZ12-5,08BD:1-4Q - 1706864

### Approvals

Ex Approvals

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#### Approval details

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

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