

## Printed-circuit board connector - MVSTBR 2,5/ 2-ST-5,08 BK - 1740903

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Plug component, Nominal current: 12 A, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: black, Contact surface: Tin

### Key commercial data

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                 |
| GTIN                                 | <br>4 017918 315467 |
| Weight per Piece (excluding packing) | 4.16 g                                                                                                |
| Custom tariff number                 | 85366990                                                                                              |
| Country of origin                    | Germany                                                                                               |

### Technical data

#### Dimensions

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

#### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | MVSTBR 2,5/...-ST   |
| Rated voltage (III/3)            | 250 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 12 A                |
| Nominal cross section            | 2.5 mm <sup>2</sup> |
| Number of positions              | 2                   |

#### 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 stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil 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>  |

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## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| 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>  |
| Minimum AWG according to UL/CUL                                                         | 30                   |
| Maximum AWG according to UL/CUL                                                         | 12                   |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / GOST / CCA / GOST / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
|                                                                                       | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                            | 28-12 | 28-12 |
| Nominal current I <sub>N</sub>                                                        | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                   | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 30-12 | 30-12 |
| Nominal current I <sub>N</sub>                                                                    | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V |

| VDE Gutachten mit Fertigungsüberwachung  |         |
|-----------------------------------------------------------------------------------------------------------------------------|---------|
|                                                                                                                             |         |
| mm <sup>2</sup> /AWG/kcmil                                                                                                  | 0.2-2.5 |
| Nominal current I <sub>N</sub>                                                                                              | 12 A    |
| Nominal voltage U <sub>N</sub>                                                                                              | 250 V   |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                         | 30-12 | 30-12 |
| Nominal current I <sub>N</sub>                                                                     | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |

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### Approvals

|                                                                                                   |         |
|---------------------------------------------------------------------------------------------------|---------|
| IECEE CB Scheme  |         |
| mm²/AWG/kcmil                                                                                     | 0.2-2.5 |
| Nominal current I <sub>N</sub>                                                                    | 12 A    |
| Nominal voltage U <sub>N</sub>                                                                    | 250 V   |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

|                                |         |
|--------------------------------|---------|
| CCA                            |         |
| mm²/AWG/kcmil                  | 0.2-2.5 |
| Nominal current I <sub>N</sub> | 12 A    |
| Nominal voltage U <sub>N</sub> | 250 V   |

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|