

## Printed-circuit board connector - MVSTBW 2,5/ 9-ST-5,08 BK - 1783274

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The figure shows a 10-position version of the product

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Connection method: Screw connection, Color: black, Contact surface: Tin

### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 20.17 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 40.64 mm |

#### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | MVSTBW 2,5/..-ST    |
| Insulating material group        | I                   |
| Rated surge voltage (III/3)      | 4 kV                |
| Rated surge voltage (III/2)      | 4 kV                |
| Rated surge voltage (II/2)       | 4 kV                |
| Rated voltage (III/3)            | 250 V               |
| Rated voltage (III/2)            | 320 V               |
| Rated voltage (II/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> |
| Maximum load current             | 12 A                |
| Insulating material              | PA                  |

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## Technical data

### General

|   |        |
|---|--------|
| Inflammability class according to UL 94 | V0     |
| Internal cylindrical gage               | A3     |
| Stripping length                        | 7 mm   |
| Number of positions                     | 9      |
| Screw thread                            | M3     |
| Tightening torque, min                  | 0.5 Nm |
| Tightening torque max                   | 0.6 Nm |

### 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>  |
| 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 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| 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

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

#### Ex Approvals

#### Approvals submitted


### Approval details

|   |       |       |
|---|-------|-------|
| UL Recognized  |       |       |
|   | B     | D     |
| mm <sup>2</sup> /AWG/kcmil  | 30-12 | 30-12 |


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## Approvals


|                    | B     | D     |
|--------------------|-------|-------|
| Nominal current IN | 15 A  | 10 A  |
| Nominal voltage UN | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung 


| mm <sup>2</sup> /AWG/kcmil | 0.2-2.5 |
|----------------------------|---------|
| Nominal current IN         | 12 A    |
| Nominal voltage UN         | 250 V   |

cUL Recognized 

|                            | B     | D     |
|----------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil | 30-12 | 30-12 |
| Nominal current IN         | 15 A  | 10 A  |
| Nominal voltage UN         | 300 V | 300 V |

IECEE CB Scheme 

| mm <sup>2</sup> /AWG/kcmil | 0.2-2.5 |
|----------------------------|---------|
| Nominal current IN         | 12 A    |
| Nominal voltage UN         | 250 V   |


GOST 

CCA


| mm <sup>2</sup> /AWG/kcmil | 0.2-2.5 |
|----------------------------|---------|
| Nominal current IN         | 12 A    |
| Nominal voltage UN         | 250 V   |

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## Approvals

|   |       |       |
|---|-------|-------|
| 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 |

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

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