

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

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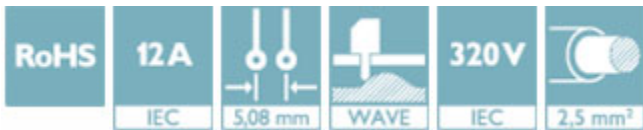
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

### Why buy this product

- ✓ Plug-in direction parallel to the conductor axis
- ✓ W type with stand-off
- ✓ Standard pin strip for 320 V (III/2)
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Stand-offs enable the PCB to be cleaned or sealed



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| Minimum order quantity               | 50 STK  |
| GTIN                                 | <br>4 017918 027568 |
| GTIN                                 | 4017918027568   |
| Weight per Piece (excluding packing) | 3.140 g   |
| Custom tariff number                 | 85366930  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Length | 8.6 mm  |
| Pitch  | 5.08 mm |

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### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Dimension a              | 25.40 mm |
| Width                    | 36.30 mm |
| Constructional height    | 12 mm    |
| Height                   | 15.5 mm  |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.4 mm   |

#### General

|  |                 |
|--|-----------------|
| Range of articles                      | MSTBW 2,5/...-G |
| Insulating material group              | IIIa            |
| 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)                   | 400 V           |
| Connection in acc. with standard       | EN-VDE          |
| Nominal current I <sub>N</sub>         | 12 A            |
| Maximum load current                   | 12 A            |
| Insulating material                    | PBT             |
| Flammability rating according to UL 94 | V0              |
| Color                                  | green           |
| Number of positions                    | 6               |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| Flammability rating according to UL 94 | V0     |

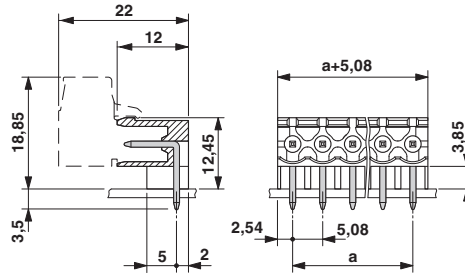
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

Dimensional drawing



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| 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 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

#### UNSPSC

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

### Approvals

#### Approvals

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


## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840


### Approvals


Ex Approvals

#### Approval details

|                                |   |   |       |
|--------------------------------|---|---|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                |   | B   | D     |
| Nominal current I <sub>N</sub> |   | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub> |   | 300 V   | 300 V |

|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
|   |   |   |          |
| Nominal current I <sub>N</sub>          |   | 12 A  |          |
| Nominal voltage U <sub>N</sub>          |   | 250 V   |          |

|                                |   |   |                |
|--------------------------------|---|---|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58636-B1B2 |
|                                |   |   |                |
| Nominal current I <sub>N</sub> |   | 12 A  |                |
| Nominal voltage U <sub>N</sub> |   | 250 V   |                |

|                                |   |   |                 |
|--------------------------------|---|---|-----------------|
| cULus Recognized               |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19931011 |
|                                |   | B   | D               |
| Nominal current I <sub>N</sub> |   | 15 A  | 10 A            |
| Nominal voltage U <sub>N</sub> |   | 300 V   | 300 V           |

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

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

### Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

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### Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 6-ST-5,08 - 1719040



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

### Accessories

#### Printed-circuit board connector - FKCN 2,5/ 6-ST-5,08 - 1754607

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/ 6-ST-5,08 - 1757051

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTB 2,5/ 6-STZ-5,08 - 1776126

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Front screw connection, Color: green, Contact surface: Tin



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### Accessories

#### Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Printed-circuit board connector - MSTBC 2,5/ 6-STZ-5,08 - 1809543



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

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### Accessories

Printed-circuit board connector - MSTBU 2,5/ 6-STD-5,08 - 1824162



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - MSTBU 2,5/ 6-ST-5,08-FL - 1824395



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/ 6-ST-5,08 - 1826322



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - UMSTBVK 2,5/ 6-ST-5,08 - 1833852



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, mounting: DIN rail

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

### Accessories

#### Printed-circuit board connector - TMSTBP 2,5/ 6-ST-5,08 - 1853052



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

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#### Printed-circuit board connector - FKC 2,5/ 6-ST-5,08 - 1873090



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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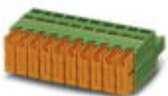
#### Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5.08 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

## Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840

### Accessories

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - TFKC 2,5/ 6-ST-5,08 - 1962642



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/ 6-ST-5,08 - 1975118



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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