

## Base strip - MSTBO 2,5/ 2-G1L - 1861057

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Mounting: Soldering, Article with lateral pin exit

### Why buy this product

- ✓ Headers for ME/ME MAX electronics housing
- ✓ 5 mm pitch
- ✓ 2 to 4-pos.
- ✓ Plug-in direction orthogonal to the PCB



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 133412 |
| Weight per Piece (excluding packing) | 1.39 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 14.65 mm |
| Pitch          | 5 mm     |
| Dimension a    | 5 mm     |
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | MSTBO 2,5/..-G1L |
| Insulating material group   | I                |
| Rated surge voltage (III/3) | 4 kV             |
| Rated surge voltage (III/2) | 4 kV             |

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### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| 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 $I_N$                   | 12 A   |
| Maximum load current                    | 12 A   |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V0     |
| Number of positions                     | 2      |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27180401 |
| eCl@ss 4.1 | 27180401 |
| eCl@ss 5.0 | 27180506 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

### Approvals

#### Approvals

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

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### Approvals

Ex Approvals

Approvals submitted

### Approval details

|                                                                                       |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                       | B     | D     |
| Nominal current I <sub>N</sub>                                                        | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| Nominal current I <sub>N</sub>                                                                    | 16 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current I <sub>N</sub>                                                                                              | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                                              | 250 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| Nominal current I <sub>N</sub>                                                                     | 16 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
| Nominal current I <sub>N</sub>                                                                      | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                      | 250 V |

## Base strip - MSTBO 2,5/ 2-G1L - 1861057

### Approvals

|                                |       |
|--------------------------------|-------|
| CCA                            |       |
|                                |       |
| Nominal current I <sub>N</sub> | 8 A   |
| Nominal voltage U <sub>N</sub> | 250 V |

|     |
|-----|
| EAC |
|-----|

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

### Accessories

#### Accessories

#### Coding element

Coding section - CR MSTBO-G1 - 2199618



Coding section

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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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#### Flange

Accessories - MSTB-BF - 1759981



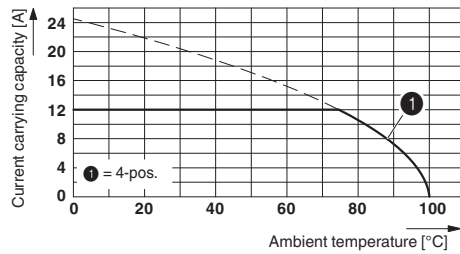
Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

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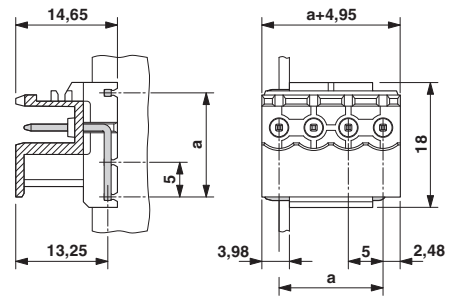
### Drawings

## Base strip - MSTBO 2,5/ 2-G1L - 1861057

Diagram

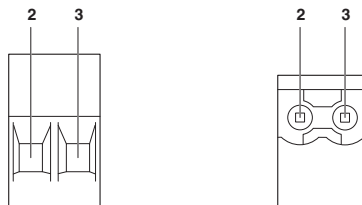


Dimensioned drawing



Type: MSTBT 2,5/...-ST with MSTBO 2,5/...-G1L

Schematic diagram



Pin assignment left