

## Base strip - MSTBO 2,5/ 3 G1L THRR44 BK - 2915216

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Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Assembly: Taped SMD/THT/THR components

### Product Features

- ✓ For ME/ME MAX electronics housing
- ✓ Orthogonal headers for through hole reflow process
- ✓ 5 mm pitch
- ✓ Plug-in direction orthogonal to the PCB
- ✓ 2, 3, and 4-pos.
- ✓ Made from high-temperature-resistant polyamide for use in lead-free soldering processes.
- ✓ Supplied taped as standard, in bulk as an option
- ✓ Integrated suction surface

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 170           |
| GTIN             | 4046356157988 |

### Technical data

#### Dimensions

|                |         |
|----------------|---------|
| Pitch          | 5 mm    |
| Dimension a    | 10 mm   |
| Pin dimensions | 1 x 1   |
| Pin spacing    | 5.00 mm |
| Hole diameter  | 1.6 mm  |

#### General

|                                  |                      |
|----------------------------------|----------------------|
| Range of articles                | MSTBO 2,5/...G1L-THR |
| 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)             | 400 V                |
| Connection in acc. with standard | EN-VDE               |

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## Technical data

### General

|                                         |      |
|-----------------------------------------|------|
| Nominal current I <sub>N</sub>          | 16 A |
| Maximum load current                    | 16 A |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |
| Number of positions                     | 3    |

## 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 |

### ETIM

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

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## approvals

UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                         | B     | D     |
| Nominal voltage UN                                                                                | 300 V | 300 V |
| Nominal current I <sub>N</sub>                                                                    | 16 A  | 10 A  |
| mm <sup>2</sup> /AWG/kcmil                                                                        |       |       |

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approvals

| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                        | B     | D     |
| Nominal voltage UN                                                                               | 300 V | 300 V |
| Nominal current IN                                                                               | 16 A  | 10 A  |
| mm²/AWG/kcmil                                                                                    |       |       |

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

accessories

Coding element

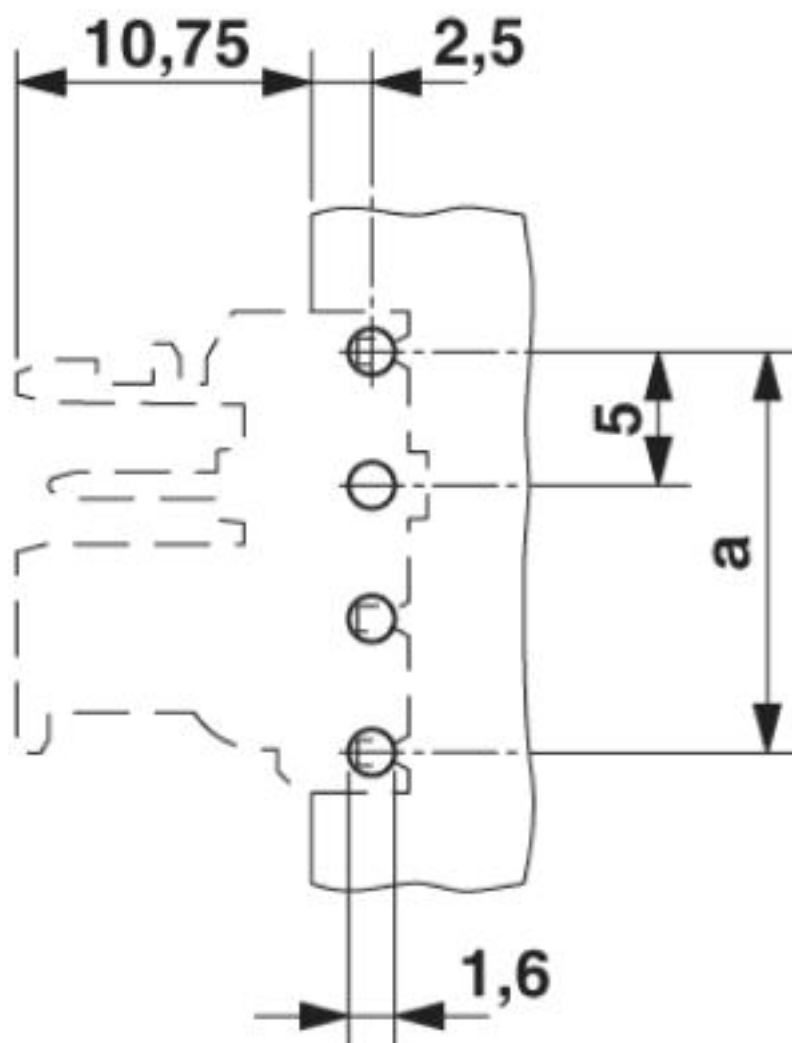
CR MSTBO-G1 - 2199618



Drawings

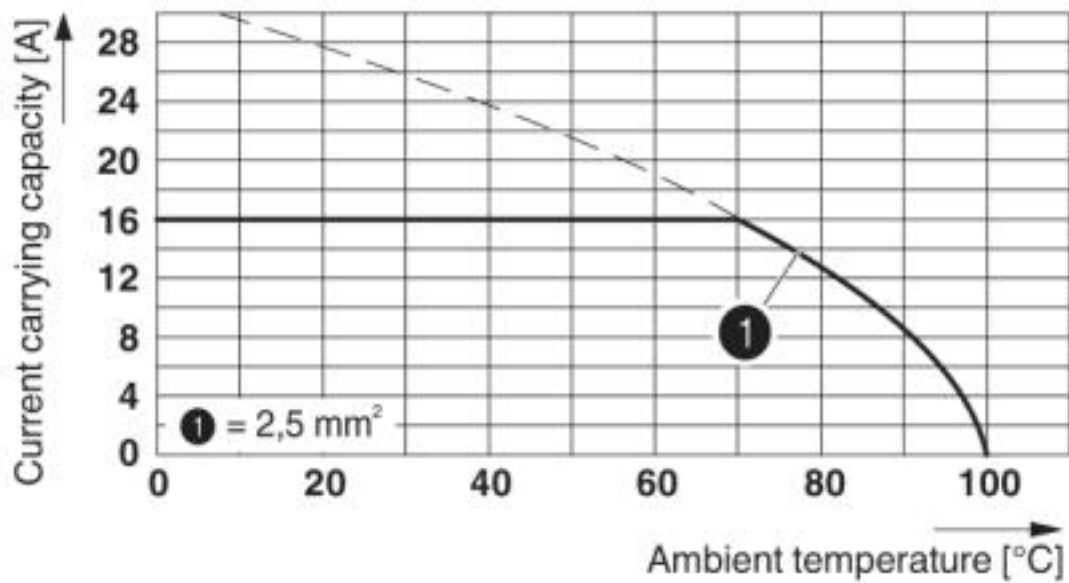
## Base strip - MSTBO 2,5/ 3 G1L THRR44 BK - 2915216

Drilling diagram

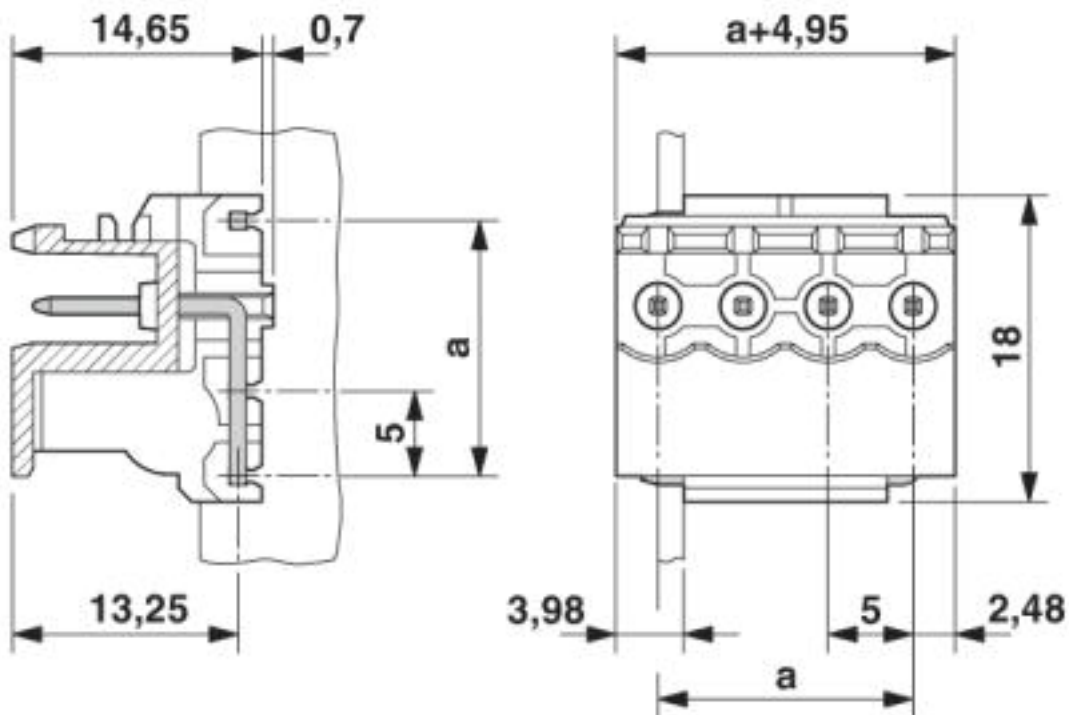


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Diagram

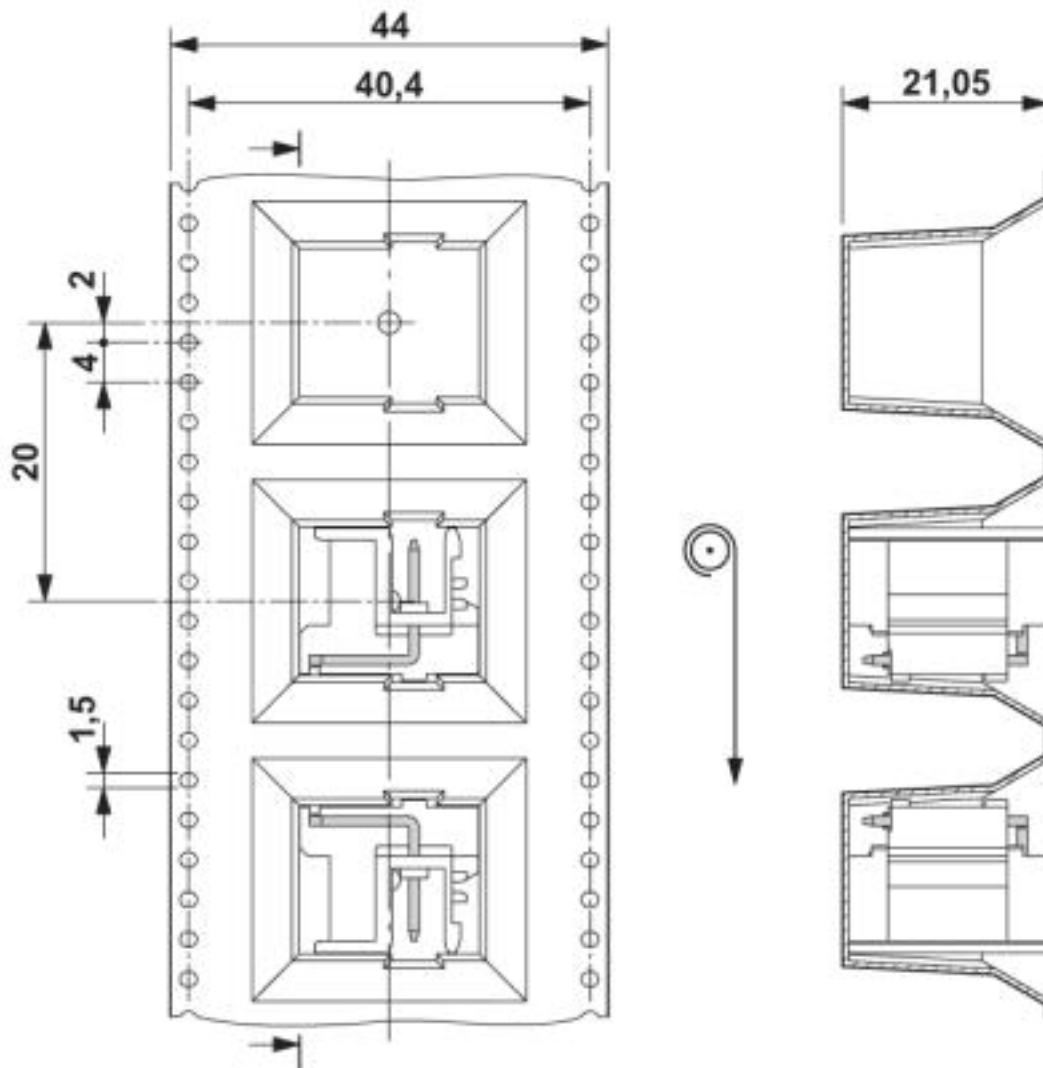


Dimensioned drawing



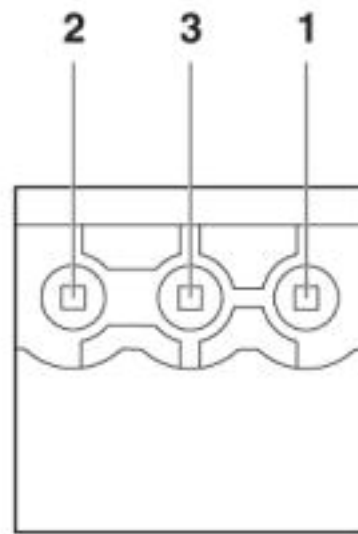
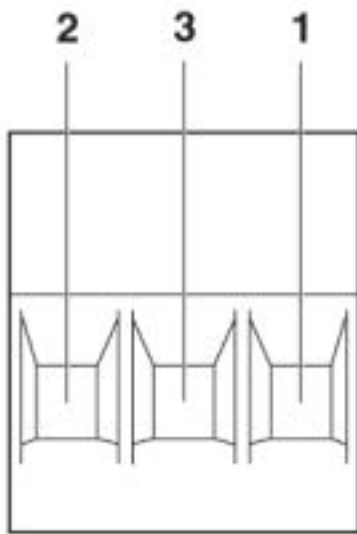
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Dimensioned drawing



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Schematic diagram



Pin assignment left

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