# Base strip - MSTBO 2,5/ 2-G1R KMGY - 2854791

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Assembly: Soldering

## Product Features

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

## Key commercial data

| | |
|---|---|
| Packing unit | 1 1 |
| Minimum order quantity | 50 1 |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

## Technical data

### Dimensions

| | |
|---|---|
| Pitch | 5 mm |
| Dimension a | 5 mm |
| Pin dimensions | 1 x 1 mm |
| Pin spacing | 5.00 mm |
| Hole diameter | 1.4 mm |

### General

| | |
|---|---|
| Range of articles | MSTBO 2,5/..-G1R |
| 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 | 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 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| 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

### Approvals

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## Approvals

Approvals

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

Ex Approvals

Approvals submitted

## Approval details

CSA

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

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 16 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 250 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 16 A | 10 A |

# Base strip - MSTBO 2,5/ 2-G1R KMGY - 2854791

## Approvals

| | B | D |
|---|---|---|
| Nominal voltage UN | 300 V | 300 V |

IECEE CB Scheme

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 250 V |

CCA

| | |
|---|---|
| Nominal current IN | 8 A |
| Nominal voltage UN | 250 V |

cULus Recognized

## Accessories

### Accessories

### Coding element

Coding section - CR MSTBO-G1 - 2199618



Coding section

### Filler plug

Accessories - MSTB-BL - 1755477



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

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## Accessories

### Flange

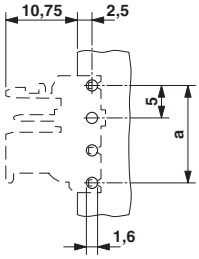
Accessories - MSTB-BF - 1759981



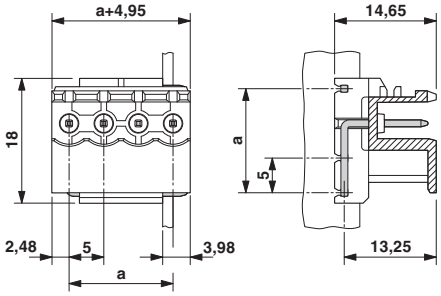
Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

## Drawings

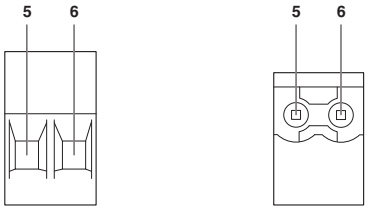
Drilling diagram




Dimensioned drawing




Schematic diagram




Pin assignment right

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