

## Base strip - MCDV 0,5/ 6-G1-2,5 - 1894956

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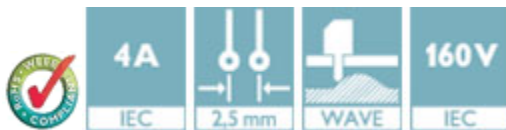


Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

The figure shows a 10-pos. version with 20 contacts

### Product Features

- Low-profile double-level pin strips with high contact density
- Plug-in direction parallel and vertical to the PCB
- Without offset levels, for flush installation on the front of devices



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 4.94 g   |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 17.5 mm      |
| Pitch                    | 2.50 mm      |
| Dimension a              | 12.5 mm      |
| Constructional height    | 18 mm        |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.2 mm       |

#### General

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### Technical data

#### General

|                                        |                 |
|----------------------------------------|-----------------|
| Range of articles                      | MCDV 0,5/...-G1 |
| Insulating material group              | I               |
| Rated surge voltage (III/3)            | 1.5 kV          |
| Rated surge voltage (III/2)            | 2.5 kV          |
| Rated surge voltage (II/2)             | 2.5 kV          |
| Rated voltage (III/3)                  | 80 V            |
| Rated voltage (III/2)                  | 160 V           |
| Rated voltage (II/2)                   | 320 V           |
| Connection in acc. with standard       | EN-VDE          |
| Nominal current $I_N$                  | 4 A             |
| Maximum load current                   | 4 A             |
| Insulating material                    | PA              |
| Flammability rating according to UL 94 | V0              |
| Color                                  | green           |
| Number of positions                    | 6               |

#### Standards and Regulations

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

### 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 |

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### Classifications

#### 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 / IECCEB Scheme / CCA / EAC / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

### Approval details

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                   | B     |
| Nominal current I <sub>N</sub>                                                                    | 4 A   |
| Nominal voltage U <sub>N</sub>                                                                    | 125 V |

|                                                                                                                             |      |
|-----------------------------------------------------------------------------------------------------------------------------|------|
| VDE Gutachten mit Fertigungsüberwachung  |      |
|                                                                                                                             |      |
| Nominal current I <sub>N</sub>                                                                                              | 4 A  |
| Nominal voltage U <sub>N</sub>                                                                                              | 80 V |

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### Approvals

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                  | B     |
| Nominal current I <sub>N</sub>                                                                   | 4 A   |
| Nominal voltage U <sub>N</sub>                                                                   | 125 V |

|                                                                                                   |      |
|---------------------------------------------------------------------------------------------------|------|
| IECEE CB Scheme  |      |
|                                                                                                   |      |
| Nominal current I <sub>N</sub>                                                                    | 4 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 80 V |

|                                |      |
|--------------------------------|------|
| CCA                            |      |
|                                |      |
| Nominal current I <sub>N</sub> | 4 A  |
| Nominal voltage U <sub>N</sub> | 80 V |

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

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

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

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-MC 0,5 - 1881435

Coding profile, is inserted into the groove in the header, red insulating material



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### Accessories

Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

### Additional products

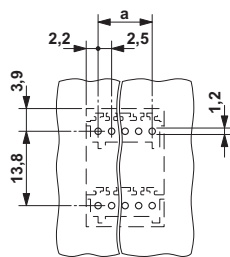
Printed-circuit board connector - FK-MC 0,5/ 6-ST-2,5 - 1881367



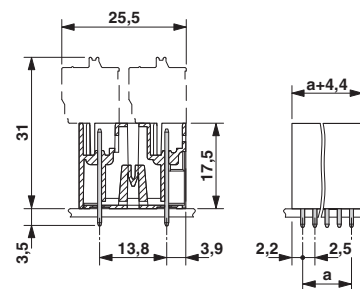
Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

### Drawings

Drilling diagram



Dimensional drawing



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