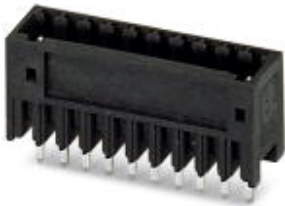


Base strip - MCV 0,5/ 2-G-2,5 THT - 1963531

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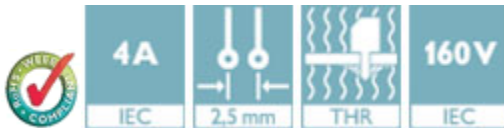


The figure shows a 10-position version of the product

Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Product Features

- Designed for integration into the SMT soldering process
- Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 2.17 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 8.1 mm |
| Pitch | 2.50 mm |
| Dimension a | 2.5 mm |
| Constructional height | 10.1 mm |
| Height | 10.1 mm |
| Length of the solder pin | 3.5 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Pin spacing | 2.50 mm |
| Hole diameter | 1.4 mm |

Base strip - MCV 0,5/ 2-G-2,5 THT - 1963531

Technical data

General

| | |
|--|-------------------|
| Range of articles | MCV 0,5/...-G-THT |
| Insulating material group | IIIa |
| 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) | 32 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 160 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 | black |
| Number of positions | 2 |

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 |

Base strip - MCV 0,5/ 2-G-2,5 THT - 1963531

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 / IEC60947 CB Scheme / CCA / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| | B |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 125 V |

| | |
|---|------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 32 V |

Base strip - MCV 0,5/ 2-G-2,5 THT - 1963531

Approvals

| | |
|--------------------|-------|
| cUL Recognized | |
| | B |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

| | |
|--------------------|------|
| IECEE CB Scheme | |
| | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 32 V |

| | |
|--------------------|------|
| CCA | |
| | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 32 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



Base strip - MCV 0,5/ 2-G-2,5 THT - 1963531

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

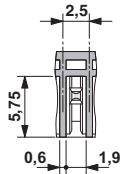
Printed-circuit board connector - FK-MC 0,5/ 2-ST-2,5 - 1881325



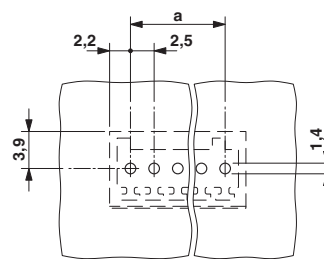
Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Drawings

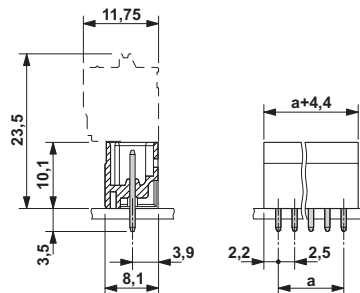
Dimensional drawing



Drilling diagram



Dimensional drawing



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