

## Base strip - MCV 0,5/12-G-2,5 THT - 1963638

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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: 12, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"

### Why buy this product

- Alternative pin lengths of 1.4 mm or 2.6 mm available on request
- Reel diameter: 330 mm, tape width: 44 mm
- Low-profile THR pin strips with a compact MICRO pitch of 2.5 mm
- Delivery form: box packaging, in bulk for small series
- Delivery form: tape-on-reel packing according to IEC 60286-3 for automated mounting
- Use in SMT reflow processes



### Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 912444
Weight per Piece (excluding packing)	4.06 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	8.1 mm
Height	10.1 mm
Pitch	2.5 mm
Dimension a	27.5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	2.50 mm

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## Technical data

### Dimensions

Hole diameter	1.4 mm
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### 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 <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	black
Number of positions	12

## 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	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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## Approvals

### Approvals

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC EE CB Scheme / CCA / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized	
	B
Nominal current IN	4 A
Nominal voltage UN	125 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	4 A
Nominal voltage UN	32 V

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

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## Approvals

CCA	
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	32 V



## Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435

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



## Labeled terminal marker

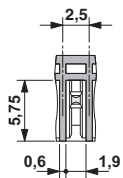
Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



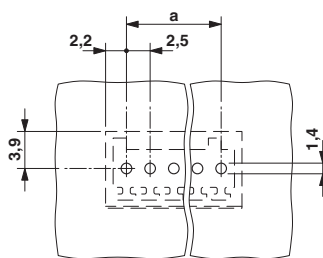
Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

## Drawings

Dimensioned drawing



Drilling diagram



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Dimensioned drawing

